REECE SUPPLY COMPANY

Sign & Digital Supplies and Equipment

"Providing Excellence in Products and Services Since 1936"

Reece Supply Company, Inc.

History

Reece Supply Company is a wholesale supplier to the sign, screen printing and digital imaging industries and was established in 1936 in Dallas, Texas by Charles F. Reece. During the 1950's Charles sons Dick and Bob became active in the business, as did his daughter Joan. Dick Reece as well as Bob Reece has served as president of the company. Today both remain active as officers in the company as the third generation of family ownership continues.

Reece Supply Company began to expand its operation by opening distribution facilities in Houston, Texas in 1940 and San Antonio, Texas in 1957. Expansion continued with the addition of the Atlanta, Georgia location in 1976 and as the sign industry continued to grow the New Orleans branch was opened in 1992. In 2002 Reece Supply expanded westward with the opening of our El Paso, Texas location and Tulsa, Oklahoma was opened up in March of 2004. Charlotte, North Carolina, our newest location, was added in July of 2012.

Reece Supply Company will always strive to provide our customers and vendors with a knowledgeable and well-trained staff and offer the best service possible.

Services

• Reece Supply locations maintain a large stocking inventory of products.

• Technical Support is provided on the products and equipment that we sell.

• Professional account representatives will assist you with all of your needs and questions.

• Local seminars provide training and education on new products and techniques.

• Participation in national trade shows allows our sales representatives to stay current with the newest products and ideas and to provide that information to our customer base.

Reece Supply Company of Dallas
3308 Royalty Row
Irving, Texas   75062
972-438-3131
972-721-1758 fax
800-776-7448

Reece Supply Company of Houston
2606 Bell Street
Houston, Texas 77003
713-228-9496
713-228-9499 fax
800-776-0113

Reece Supply Company of San Antonio
4960 Eisenhauer Road
San Antonio, Texas   78218
210-662-6898
210-662-6945 fax
800-776-0224

Reece Supply Company of Georgia
5755 Oakbrook Parkway
Norcross, Georgia   30093
770-326-7920
770-326-7927 fax
800-776-0115

Reece Supply Company of Louisiana, Inc.
1012 Distributors Row
Harahan, Louisiana   70123
504-733-7799
504-736-0056 fax
800-776-0130

Reece Supply Company of Oklahoma
3148 South 108th East Avenue, Suite 130
Tulsa, Oklahoma   74146
918-556-5000
918-556-5001 fax
800-520-2300

Reece Supply Company of El Paso
1530 Goodyear Drive, Suite J
El Paso, Texas   79936
915-592-9600
915-592-9050 fax
877-776-0128

Reece Supply Company of North Carolina
2700 Hutchison McDonald Road, Suite N
Charlotte, North Carolina   28269

Terms & Conditions

Materials

Every effort is made by Reece Supply Company to stock and distribute merchandise of the highest quality for the Sign industry and to back up all guarantees provided by the manufacturers.

Shipment

We make a special effort to ship every order the same day it is recieved. We prepay all shipments of $750 in value provided the shipment is made by motor freight, except as noted being F.O.B. our warehouse or factory. Aluminum and plywood sheets, as well as extrusions are exempt from this freight paid policy.

Claims

Count the pieces in each shipment immediately upon arrival and check against the freight bill and packing list. Lost or damaged merchandise is the responsibility of the carrier, and in case of loss or damage, obtain a notation on the freight bill at the time of delivery. The Claim Agent of the delivering carrier must be notified within 24 hours for official inspection. The Claim Agent will advise as to the method of filing the claim.

Prices

Prices are of necessity subject to change without notice. All prices shown do not include any applicable federal, state or local sales tax. Prices shown do not reflect any freight costs that would apply.

Warranties

Under no circumstances shall Reece Supply Company be held liable for replacement of any defective products beyond the stated, expressed or implied warranties of the product manufacturers. Also, under no circumstances shall Reece Supply Company be held liable for any cost incurred by the product, whether in warranty or out of warranty, as stated by the product manufacturer.

Custom Products

All orders for custom fabricated products shall be accompanied by all instructions required by the product manufacturer in order to insure correctness of the job. Under no circumstances shall Reece Supply be liable for the correctness of any custom product.

All specifications are subject to change without notice. All trademarks are the property of their respective owners.

Not all products are available at all branch locations. Call your branch for availability.

Terms & Conditions

Returns Policy

In the event that a stock product is recieved and does not meet expectations or provide satisfaction it may be returned to Reece Supply Company. The policy for this process is to contact Reece Supply Company in order to be issued a RGA number for the product.
All returns of stock product must be shipped pre-paid, in resalable condition and are subject to inspection upon return for damage.
Returns made after 30 days may be subject to a restocking fee. Custom or non-stock products are subject to the return policy of the manufacturer and may include a return fee as determined by the manufacturer.

Payment Terms

Standard open account terms are net 30 days after the shipment of the product unless other arrangemnts are made. Standard open net 30 day accounts may be subject to a service charge of 1.5% per month when past due.

Sign Association Memberships

LED Modules & Power Supplies

SignRayz LED Modules

AgiLight's new SignRayz LED Series offers three output levels of white, improved brightness and a wider viewing angle, allowing you to maximize light output and minimize material costs. SignRayz simplicity and flexibility provides bright, vivid and uniform illumination suitable for both large and small projects. From a standard face-lit channel letter or sign cabinet to the most wet or harsh environments, AgiLight's IP66 rated SignRayz will stand up to any test.

Features and Benefits
•Low heat for extended life
•Solder-free connections for maximum strain relief
•No UV, no IR emission
•Operating temperature range between -40°C and +60°C (-40°F and +140°F)
•Constant current driven LEDs
•IP66 Rated/Water Proof
•Over molded design protects circuitry and connections
•Protective Lens provides environmental protection
•Complies with FCC Title 47, Part 15, Subpart B for
 Class A digital devices

SignRayz BASE

	Lumens	Mods/p/f	Color	Reece P/N	Price
LS-BASE-WSW-G1	75	2	7500K	85417	5.26
LS-BASE-ASW-G2	75	2	7500K	89477	6.01

Note: 3 LED's per module / .96 watts per foot

SignRayz CORE

	Lumens	Mods/p/f	Color	Reece P/N	Price
LS-CORE-ASW-G2	110	3	7500K	89831	8.59
LS-CORE-65K-G2	110	3	6500K	89834	8.59
LS-CORE-57K-G2	90	3	5700K	89835	8.59
LS-CORE-45K-G2	90	3	4500K	89836	8.59
LS-CORE-30K-G2	80	3	3000K	89838	8.59
LS-CORE-27K-G2	80	3	2700K	89839	8.59

Note: 3 LED's per module / 1.44 watts per foot

SignRayz APEX

	Lumens	Mods/p/f	Color	Reece P/N	Price
LS-APEX-ASW-G2	215	2	7500K	89805	13.59
LS-APEX-65K-G2	215	2	6500K	89841	13.59

Note: 3 LED's per module / 3.28 watts per foot

SignRayz COLOR

	Lumens	Mods/p/f	Color	Reece P/N	Price
LS-COLOR-RR-G2	16	2	RubyRed	92323	4.99
LS-COLOR-TR-G2	19	2	TrueRed	92324	4.99
LS-COLOR-CR-G2	17	2	ClearRed	92325	4.99
LS-COLOR-OR-G2	27	2	Orange	92326	6.42
LS-COLOR-YE-G2	26	2	Yellow	92327	6.42
LS-COLOR-GR-G2	34.5	2	Green	92328	9.42
LS-COLOR-BL-G2	11	2	Blue	91855	9.42

Note: 3 LED's per module / watts per foot varies 1.0 - 1.32

SignRayz MINI

	Lumens	Mods/p/f	Color	Reece P/N	Price
LS-MINI-ASW-G1	105	4	7500K	91969	11.92
LS-MINI-65K-G1	105	4	6500K	91970	11.92

Note: 1 LED's per module / 1.44 watts per foot

BoxRayz, Cabinet Sign Product

	Lumens	Mods/p/f	Color	Reece P/N	Price
LS-LITE-ASW-G1	150	2	7500K	93511	8.58
LS-LITE-65K-G1	150	2	6500K	93512	8.58

SignRayz Power Supply

• MODEL: AGI-ADV-60W
• AC INPUT: 12-24 VDC
• DC OUTPUT: 12-24 VDC
• Dimming Control: 0-10 V
• Dimensions: 5.2" X 1.35" X .99"
• U.L. recognized for U.S. and Canada

	Reece P/N	Price
AGI-ADV-60W	58356	46.67

SIGNRAYZ POWER SUPPLY LOAD CHART/ 60 WATT		
Module Series	*# of Modules*	*Feet*
SignRayz BASE	120	60
SignRayz CORE	120	40
SignRayz APEX	34	17
SignRayz COLOR	90-120	45-60
SignRayz MINI (series)	120	30

LED Modules & Power Supplies

GE LED Modules
Tetra miniMax

Features and Benefits
•Bright, uniform light distribution in small to medium channel letters
•Works in applications as shallow as 1.5 inches
•Easy install with pre-drilled mounting holes and 3M VHB tape
•Contains no lead, mercury or glass--RoHS compliant

	Lumens	Mods/p/f	Color	Reece P/N	Price
GERDMMS5	25	2.5	Red	71658	7.51
GEGLMMS5	60	2.5	Green	71659	13.01
GEBLMMS5	17	2.5	Blue	70290	13.01
GEWHMMTS8	78	2.5	7100K	86282	8.26
GEWWMMTS8	55	2.5	3200K	89187	9.17
GEWWMMTS8-50K	78	2.5	5000K	89190	9.17
GEWWMMTS8-41K	55	2.5	4100K	89189	9.17

Note: 2 LED's per module / .75 watts per foot (Red, Green & Blue)
3 LED's per module / .46 watts per foot (3200K, 4100K,
5000K, 71000K)

Tetra Max

Features and Benefits
• Bright, uniform light distribution in medium channel letters
•Works in applications as shallow as 4 inches
•Easy to install with pre-drilled mounting holes and 3
•Contains no lead, mercury or glass--RoHS compliant

	Lumens	Mods/p/f	Color	Reece P/N	Price
GERDMXWA5	23	(1) 2.5	Red	82895	7.34
GERDMXWL6	28	(3) 2	Red	82415	7.26
GERCMXWL6	18	(2) 3	RedOrange	82623	7.50
GEYGMXS6	21	(5) 3	Amber	75403	7.51
GEGLMXWA5	48	(1) 2.5	Green	85453	10.84
GEBLMXWA5	18	(1) 2.5	Blue	82896	10.84
GEWHMXTS6	75	(4) 2	7100K	87222	7.09
GEWWMXTS6	54	(4) 2	3200K	92589	7.92
GEWWMXTS6-41K	54	(4) 2	4100K	93513	7.92
GEWWMXTS6-50K	75	(4) 2	5000K	91141	7.92

(1) 2 LED's per module / .48 watts per module
(2) 3 LED's per module / .40 watts per module
(3) 3 LED's per module / .49 watts per module
(4) 3 LED's per module / .58 watts per module
(5) 2 LED's per module / .40 watts per module

Tetra Max HO

Features and Benefits
•Bright, uniform light distribution in small to large channel letters
•Easy install with pre-drilled mounting holes and 3M VHB tape

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHMHTS6	115	2	7100K	86284	8.56
GEWWMHTS6-50	115	2	5000K	91636	11.01
GEWWMHTS6-41K	92	2	4100K	93514	11.01
GEWWMHTS6	92	2	3200K	89212	11.01

Note: 3 LED per module / .86 watts per module

Tetra PowerMax

Features and Benefits
•Bright, uniform light distribution in small to large channel letters
•Works in applications 3 feet tall and 4 inches deep or greater
•Easy install with pre-drilled mounting holes and 3M VHB tape

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHPMTL5	182	1.5	7100K	87221	14.70
GEWWPMTL550K	182	1.5	5000K	93515	15.01
GEWWPMTL541K	143	1.5	4100K	89302	13.51
GEWWPMTL5	143	1.5	3200K	89202	13.51

Note: 3 LED per module / 1.87 watts per module

Tetra PowerStrip

Features and Benefits
•Slashes maintenance costs
•Works in single sided box signs
•Easy to install system
•Cuts energy expenses
•Improved visual appearance

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHSSPS3	267	1	7100K	89199	18.76
GEWWSSPS3-50K	267	1	5000K	91443	18.01
GEWWSSPS3-41K	200	1	4100K	93519	21.01
GEWWSSPS3	200	1	3200K	93523	21.01

Note: 3 LED's per module / 3.58 watts per module

Tetra PowerStrip DS

Features and Benefits
•Slashes maintenance costs
•Works in double-sided box signs
•Easy to install system
•Cuts energy expenses
•Improved visual appearance

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHDSPS6	534	1	7100K	91054	24.75
GEWWDSPS6-50K	534	1	5000K	91442	23.88
GEWWDSPS6-41K	400	1	4100K	93526	27.87
GEWWDSPS6	400	1	3200K	93527	27.87

Note: 6 LED's per module / 7.14 watts per module

LED Modules & Power Supplies

Tetra miniStrip

Features and Benefits
•Up to 90% energy savings vs. T8 fluorescent
 tubes
•Patented OptiLens™ technology creates an impress-
 ively even light coverage of the sign face
•Overmolded design protects components from damage
•Continuous wire and IDC connectors for maximum strain relief
•Easy to install rail system
•Designed for single-sided sign cabinets

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHBSP3	96	1	7100K	89696	12.51
GEWWBSP3-50K	96	1	5000K	93530	12.51
GEWWBSP3-41K	72	1	4100K	93532	12.51
GEWWBSP3	72	1	3200K	93533	12.51

Note: 3 LED's per module / 1.32 watts per module

Tetra miniStrip DS

Features and Benefits
•Up to 90% energy savings vs. T8 fluorescent
 tubes
•Patented OptiLens™ technology creates an impress-
 ively even light coverage of the sign face
•Overmolded design protects components from damage
•Continuous wire and IDC connectors for maximum strain relief
•Easy to install rail system
•Designed for double-sided sign cabinets

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHBDP6	192	1	7100K	89691	18.76
GEWWBDP6-50K	192	1	5000K	93535	18.76
GEWWBDP6-41K	144	1	4100K	93536	18.76
GEWWBDP6	144	1	3200K	93537	18.76

Note: 6 LED's per module / 2.64 watts per module

Tetra EdgeStrip

Features and Benefits
•Up to 78% energy savings vs. T8 fluorescent tubes
•OptiLens™ technology creates an impressively even light coverage of
the sign face
•Overmolded design protects components from damage
•Continuous wire and IDC connectors for maximum strain relief

	Lumens	Mods/p/f	Color	Reece P/N	Price
GEWHBIP2	200	1	7100K	89725	18.76
GEWWBIP2-50K	200	1	5000K	89724	18.76
GEWWBIP2-41K	150	1	4100K	89723	18.76
GEWWBIP2	150	1	3200K	89722	18.76

Note: 2 LED's per module / 2.88 watts per module

Tetra Contour LS

Features and Benefits
•Appearance of exposed neon
•Up to 40% more energy efficient than neon
•Increase maintenance savings

	Lumens	Mods/p/f	Color	Reece P/N	Price
GERDXNLA-2-RD	47	N/A	Red	66496	222.27
GEGLXNLA-2-GL	55	N/A	Green	66499	361.12
GEBLXNLA2-BL	19	N/A	Blue	66503	361.07
GEWHXNLA2-WH	74	N/A	6500K	66506	361.07
GERDXNAA-2-RD	47	N/A	Red	66498	66.67
GEGLXNAA-2-GL	55	N/A	Green	66501	91.67
GEBLXNAA2-BL	19	N/A	Blue	66504	91.67
GEWHXNAA2-WH	74	N/A	6500K	66507	100.01

Note: 3.81 watts per module (Red)
    3.39 watts per module (Green, Blue & 6500K)

Tetra Contour

Features and Benefits
•Appearance of exposed neon
  Moldable to custom shape
•Up to 40% more energy efficient than neon
•Increase maintenance savings
•Contains no lead, glass or mercury--RoHS compliant

	Lumens	Mods/p/f	Color	Reece P/N	Price
GERDXNLE1	40	N/A	Red	7108	222.87
GERCXNLE1	32	N/A	RedOrange	63524	246.67
GEYAXNLE1	30	N/A	Amber	62241	246.67
GEGLXNLE1	80	N/A	Green	46363	361.12
GEBLXNLE1	20	N/A	Blue	44635	361.12
GEWHXNLE1	63	N/A	6500K	45001	361.07
GEWWXNLE1	74	N/A	3200K	62668	361.12

Note: 3.81 watts per foot (Red, Red-Orange & Amber)
    3.39 watts per foot (Green, Blue, 3200K & 6500K)

NB1000

NB1000 LED system is a cost effective lighting option for medium
channel letter and box sign applications. These LED light engines oper-
ate on a low voltage Class 2 12VDC power supply and are available in
white and red.

	Lumens	Mods/p/f	Color	Reece P/N	Price
1111-WH-01-3	75	2	7100K	89940	4.59

Note: 3 LED's per module / .46 watts per foot

LED Modules & Power Supplies

GE TETRA POWER SUPPLY LOAD CHART / 60 WATT

Tetra miniMAX

GEWHMMTS8, GEWWMMTS8-50K, GEWWMMTS8-41K, GEWWMMTS8	150 modules/60 ft.
GEBLMMS5, GEGLMMS5, GERDMMS5	90 modules/36 ft.

Tetra MAX

GEWHMXTS6, GEWWMXTS6-50K, GEWWMXTS6-41K, GEWWMXTS6	120 modules/60 ft.
GEWHMHTS6, GEWWMHTS6-50K, GEWWMHTS6-41K, GEWWMHTS6	80 modules/40 ft.
GEBLMXWA5, GEGLMXWA5, GERDMXWA5	135 modules/54 ft.
GERCMXWA6, GEYGMXS6	162 modules/54 ft.
GERCMXWL6	160 modules/80 ft.
GERDMXWL6	140 modules/70 ft.

Tetra PowerMAX

GEWHPMTL5, GEWWPMTL5-50K, GEWWPMTL5-41K, GEWWPMTL5	38 modules/25 ft.

Tetra PowerStrip

GEWHSSPS3, GEWWSSPS3-50K, GEWWSSPS3-41K, GEWWSSPS3	16 modules/17 ft.

Tetra miniStrip

GEWHBSP3, GEWWBSP3-50K, GEWWBSP3-41K, GEWWBSP3	53 modules/53 ft.

Tetra NB1000

1111-WH-01-3	112 modules/56 ft.

GE TETRA POWER SUPPLY LOAD CHART / 20 WATT

Tetra PowerStrip DS

GEWHDSPS6, GEWWDSPS6-50K, GEWWDSPS6-41K, GEWWDSPS6	3 modules/4.1 ft.

Tetra miniStrip DS

GEWHBDP6, GEWWBDP6-50K, GEWWBDP6-41K, GEWWBDP6	8 modules/8 ft.

Tetra EdgeStrip

GEWHBIP2, GEWWBIP2-50K, GEWWBIP2-41K, GEWWBIP2	7 modules/7 ft.

Tetra Contour LS

GEWHXNLA2-WH, GEBLXNLA2-BL, GEGLXNLA2-GL, GERDXNLA2-RD	6 ft.
GEWHXNAA2-WH, GEBLXNAA2-BL, GEGLXNAA2-GL, GERDXNAA2-RD	6 ft.

Tetra Contour

GEWHXNLE1, GEWWXNLE1, GEBLXNLE1, GEGLXNLE1	6 ft.
GERDXNLE1, GERCXNLE1, GEYAXNLE1	6 ft.

Tetra Power Supply, 60w/12v

- MODEL: GEPS12-60
- AC INPUT: 90-246VAC
- DC OUTPUT: 12 VDC
- U.L. recognized for U.S. and Canada

	Reece P/N	Price
GEPS12-60	55967	82.17

Tetra Power Supply, 20w/24v

- MODEL: GEPS24-20
- AC INPUT: 90-246VAC
- DC OUTPUT: 24 VDC
- U.L. recognized for U.S. and Canada

	Reece P/N	Price
GEPS24-20	66385	56.67

LED Modules & Power Supplies

SloanLED LED Modules VL Plus

Features and Benefits
- Extra brightness - 25 to 50% brighter than current ChanneLED 4
- Extra value - great low price
- Constant Current Technology (CCT)
- Pre-wired modules for optimal placement
- Peel-n-stick or mechanical fastening
- DC 12 V throughout for mix-n-match compatibility
- UL, cUL recognized, CE, CSA Certified

	Lumens	Mods/p/f	Color	Reece P/N	Price
Mini					
701269-WVLM-MB	80	4	6500K	88823	12.34

Note: 2 LED's per module / .32 watts per module

Short					
701269-WVLS-MB	100	2.5	6500K	87899	7.51
701269-RVLS-MB	26	2.5	Red	90970	5.84

Note: 2 LED's per module / .42 watts per module (6500K)
  3 LED's per module /.29 watts per module (Red)

Long					
701269-WVLL-MB	78	2	6500K	86880	5.84
701269-RVLL-MB	26	2	Red	90972	5.84

Note: 3 LED's per module / .36 watts per module (White)
  3 LED's per module / .36 watts per module (Red)

Great White 4

Features and Benefits
- Smaller, lighter and brighter
- 60% more efficient - 25 ft (7,6 m) per 60 watt power supply
- Advanced High Output White LED System
- Illumination for wide, deep, and tall channel letters and cabinets
- Constant Current Technology

	Lumens	Mods/p/f	Color	Reece P/N	Price
701269-WL4-MB	195	2	6500K	84725	16.59

Note: 6 LED's per module / 1.08 watts per module

Channel LED5 with Sloan Stretch

Features and Benefits
- Brighter LEDs
- Wide viewing angle
- Extendable wire (+2 in (50 mm)) feature
- Constant Current Technology
- Pre-wired modules for optimal placement
- Peel n' stick or mechanical fastening
- DC 12 V througout for mix and match compatibility
- UL, cUL Recognized, CE, CSA Certified

	Lumens	Mods/p/f	Color	Reece P/N	Price
701269-R5-MB	35	2	Red	61638	6.34

Note: 3 LED's per module / .6 watts per module

Apollo & V Series 2

Features and Benefits
- Two white hue alternatives for standard can depths
- Constant Current Technology
- Completely sealed module (IP68)

	Lumens	Mods/p/f	Color	Reece P/N	Price
701269-W6-MB	96	2	5000K	74034	13.26
701269-WV2-MB	150	3	7200K	90973	14.17

Note: 3 LED's per module / .48 watts per module (Apollo)
  3 LED's per module / .60 watts per module (V Series 2)

V Series

Features and Benefits
- Whites are now 40% brighter
- Wide viewing angle
- Low profile modules
- Six vivid colors and two whites
- Illumination for face-lit and halo-lit channel letters
- Constant current technology
- Pre-wired modules for optimal placement
- Peel n' stick or mechanical fastening
- DC 12 V througout for mix and match compatibility
- UL, cUL Recognized, CE, CSA Certified

	Lumens	Mods/p/f	Color	Reece P/N	Price
701269-WLPY-MB	85	3	7200K	76781	13.26
701269-WWLPY-MB	65	3	4200K	59804	14.17
701269-RLP-MB	35	3	Red	59798	7.42
701269-ROLP-MB	48	3	RedOrange	65170	7.76
701269-OLP-MB	53	3	Orange	59799	7.76
701269-YLP-MB	24	3	Yellow	59800	8.26
701269-GLPZ-MB	70	3	Green	59801	13.26
701269-BLP-MB	24	3	Blue	59802	13.26

Note: 3 LED's per module / .6 watts per module (colors)
  3 LED's per module / .60 watts per module (4200K, 7200K)

V180

- 180° viewing angle
- Small profile modules
- Extremely efficient: able to power up to 60 feet on a single 60 W DC 12 V power supply
- Illumination for low profile face-lit channel letters and cabinets
- Completely sealed module (IP68)
- Constant Current Technology
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	Lumens	Mods/p/f	Color	Reece P/N	Price
701269-WLP2-MB	81	2.5	6500K	84918	13.26

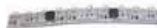*Note: 3 LED's per module / .36 watts per module*

LED Modules & Power Supplies

ThinLED

Features and Benefits
- Can bend to 1' radius
- Fits in narrow strokes and can be cut to size
- Each strip includes one 6" jumper
- Run 25' per 60 watts
- Constant Current Technology
- UL and cUL recognized, CE Certified

	Length	Color	Power/ft.	Reece P/N	Price
701228-18-R	12"	Red	2.2 watts	41609	17.92
701228-18-A	12"	Orange	2.2 watts	49532	17.92
701228-18-Y	12"	Yellow	2.2 watts	41611	17.92
701228-18-W	12"	White	2.2 watts	54127	35.86
701228-18-B	12"	Blue	2.2 watts	48857	35.86
701228-18-G	12"	Green	2.2 watts	47790	35.86

PosterBOX Module

Features and Benefits
- Illuminate single or double sided narrow cabine
- Modules mount on returns of can
- FanFlareTM lens technology – directs light across the sign face
- Use for retrofit and new signs
- Run 8 modules per 60 W power supply
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

	Lumens	Mods/p/f	Color	Reece P/N	Price
701946-CWPBM	550	N/A	6500K	85439	56.67
701946-NWPBM	550	N/A	5000K	85440	56.67

Note: 3 LED's per module / 6.7 watts per module

SignBox Light

Features and Benefits
- Illuminate cabinets 8 inches or deeper
- Bright, even illumination
- Quick and easy installation
- Flexible strips and easy to customize
- Run 32 modules per 60 W power supply
- Completely sealed module (IP68)
- Constant Current Technology (CCT)
- UL and cUL recognized, CE, CSA Certified
- RoHS and WEEE compliant

	Lumens	Mods/p/f	Color	Reece P/N	Price
701946-CWSBL	280	2	6500K	84463	17.84

Note: 2 modules per foot / 1.68 watts per module

HighLINER Fixture

Features and Benefits
- Easy to install
- Light weight fixture
- Consistant, uniform color
- UL and cUL recognized, CE, ETL Certified
- RoHS and WEEE compliant

	Lumens	Color	Reece P/N	Price
HighLINER 701912	1680	5000K	90974	166.67

Note: 17 watts per module

LEDStripe

Features and Benefits
- Daytime color when unlit
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Can be cut-to-fit in the field and factory bent to an 12 in (305 mm) minimum radius
- Convenient, weatherproof connectors between sections
- Operating temperature -40° C to +70° C
- Five colors (Red, Orange, Amber, Lemon Yellow, Green, Blue) and White (7200K)
- Field cutting kit available
- Convenient corners, joint covers and mounting buttons
- Conforms to UL 48 standard, CE Certified and ETL listed
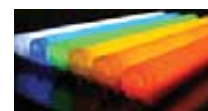
	Length	Actual	Power/ft.	Reece P/N	Price
701189-white-1	1'	12 7/8"	3.0 watts	45453	44.14
701189-white-2	2'	24 7/8"	1.5 watts	50709	88.25
701189-white-4	4'	48 7/8"	1.5 watts	50710	176.54
701189-white-6	6'	73 3/8"	1.5 watts	50711	264.81
701189-white-8	8'	97 3/8"	1.5 watts	45452	353.07
701189-white-10	10'	121 3/8"	1.5 watts	73474	441.34

LED Modules & Power Supplies

ColorLINE

Features and Benefits
- Slim profile similar to standard neon
- Neutral frosted white color when non-illuminated
- High impact acrylic: UV stable, hydrocarbon insensitive, non-fading
- Five colors (Red, Orange, Yellow, Green, Blue) and two whites (6500K & 3200K
- Convenient, weatherproof connectors between sections
- Can be cut in the field

	Length	Actual	Power/ft.	Reece P/N	Price
701800-white-2	2'	24.66"	2.28 watts	74960	90.97
701800-white-4	4'	48.66"	2.28 watts	74961	181.94
701800-white-6	6'	72.66"	2.28 watts	74963	272.91
701800-white-8	8'	96.66"	2.28 watts	74964	363.87

FlexiBRITE

Features and Benefits
- Bright, wide viewing-angle LEDs offer intense, uniform glow for perimeter/accent lighting. Flexible LED tubing.
- Operating temperature -40° C to +70° C
- Compatible with other SloanLED DC 12 V products
- Prewired, completely sealed, waterproof tubes can be cut-to-fit, spliced and resealed
- Optically modified silicone extrusion: UV stable, hydrocarbon insensitive, non-fading
- Convenient mounting clips and 5 ft (1,5 m) mounting tracks
- UL, cUL recognized, CE Certified

	Kit Color	Power/ft.	Reece P/N	Price
701449-R-2ft	Red	2.8 watts	37129	59.67
701449-O-2ft	Orange	2.8 watts	51671	61.41
701449-Y-2ft	Yellow	2.8 watts	40694	61.41
701449-G-2ft	Green	2.8 watts	74064	101.41
701449-B-2ft	Blue	2.6 watts	45287	101.41

SloanLED Power Supplies, 60w/12v

Item Description	Part # (Each)	Nominal Input Voltage	Input Current	Power Output	Enclosure Dry	Damp	Wet	Overall Dimensions	Reece P/N	Price
Self Contained 20	701680	100-240 V	.3 A	20 W	X	X		3.75"L x 1.6"W x 1"H	7151	58.26
Modular 60-W	701507-MODW	100-240V	1.0 A	60 W	X	X	X	9"L x 2.5"W x 1.5"H	74080	66.67
Modular 60-277	701507-MOD277	277-347V	.05A	60 W	X	X	X	10.5"L x2.5"W x 1.5" H	53915	108.34
Quad 240	701495	120V	3.0A	240W	X	X	X	9.5"L x 5.9"W x 3.20"H	7150	208.34

SloanLED Power Supplies, 24w/24v

Item Description	Part # (Each)	Nominal Input Voltage	Input Current	Power Output	Enclosure Dry	Damp	Wet	Overall Dimensions	Reece P/N	Price
24 VDC	701895	100-240 V	.2 A	24W	X	X	X	7.625"L x 1.73"W x 1.19"H	78623	104.77

LED Modules & Power Supplies

SloanLED POWER SUPPLY LOAD CHART / 60 WATT

SloanLED Core ChannelLED Products

Description	V Series	V180	ChannelLED 5	Apollo	Great White 4
Self Contained 20	30 mod/10'	50 mod/20'	30 mod/15'	38 mod/19'	16 mod/8'
Modular 60	90 mod/30'	150 mod/60'	90 mod/45'	112 mod/56'	50 mod/25'
Quad 240*	360 mod/120'	600 mod/240'	360 mod/180'	448 mod/224'	200 mod/100'

SloanLED VL Products

Description	White Long	White Short	White Mini	Red Long	Red Short
Self Contained 20	42 mod/21'	40 mod/16'	52 mod/13'	50 mod/25'	62 mod/25'
Modular 60	130 mod/ 65'	125 mod/50'	160 mod/40'	1500 mod/75'	187 mod/75'
Quad 240*	520 mod/260'	500 mod/200'	640 mod/160'	600 mod/300'	750 mod/300'

SloanLED Cabinet Products

Description	SignBOX	PosterBOX
Modular 60	32 mod/16'	8 modules
Quad 240*	128 mod/64'	32 modules

SloanLED ColorLine & FlexiBRITE

Description	FlexiBRITE	ColorLINE
Self Contained 20	6 max ft.	8 max ft.
Modular 60	20 max ft.	24 max ft.
Quad 240*	80 max ft.	96 max ft.

*Note: Quad 240 has four output legs; footages expressed are total (divide by four for footage per leg).

LED Accessories

Paige, Rip Strip LED Cable 18

This cable consists of 2 conductor 18 AWG stranded tinned copper conductor insulated with Polyvinyl Chloride and a 14 AWG stranded bare copper conductorin a zip style Polyvinyl Chloride jacket. Type PLTC, RoHS Compliant.

Length	Reece P/N	Price
250'	91223	68.57
1000'	91228	274.29

Paige, Wallbuster Passthru

One 9/16" drilled hole in a wall is all that is needed to install the Wallbuster. Economical, fast and simple.

Reece P/N	Price
78088	8.57

Paige, LED Power Supply Box

The unique front loading of this compact LED power supply box make it the perfect enclosure for your LED installations.

Reece P/N	Price
91223	13.57

Sign Ballasts

PLASTIC SIGN BALLAST CROSS REFERENCE

Allanson			Universal Lighting			France			Advance		
MFG#	Number of Lamps	Range in ft.	MFG#	Number of Lamps	Range in ft.	MFG#	Number of Lamps	Range in ft.	MFG#	Number of Lamps	Range in ft.
272AT	1, 2	4 - 12	256-272	1, 2	4 - 12	268DR	1, 2	4 - 12	ASB-0412-12	1, 2	4 - 12
448AT	2, 3, 4	8 - 16	256-448-100	2, 3, 4	8 - 16	448DR	4	8 - 16	ASB-1224-24	2, 3, 4	6 - 20
472AT	2, 3, 4	16 - 24	256-472	2, 3, 4	10 - 24	468DR	2, 3, 4	16 - 24	ASB-1224-24	2, 3, 4	12 - 24
						2128DR	2	16 - 24			
496AT	2, 3, 4	24 - 32	256-496-100	2, 3, 4	16 - 32	488DR	3, 4	20 - 32	ASB-2040-24	2, 3, 4	20 - 40
						3128DR	3	26 - 36			
648AT	4, 5, 6	8 - 24	256-648	6	10 - 25				ASB-1240-46	4, 5, 6	12 - 40
672AT	4, 5, 6	24 - 36	256-672	4, 5, 6	20 - 36	568DR	4, 5	20 - 30	ASB-1240-46	4, 5, 6	12 - 48
						668DR	4, 5, 6	24 - 36			
696AT	4, 5, 6	30 - 48	256-696	4, 5, 6	20 - 48	688DR	4, 5, 6	36 - 48	ASB-2448-46	4, 5, 6	24 - 48

Magnetic Ballasts

Universal™ Lighting Technologies Plastic Sign High Output Ballasts

• Provide ultra-reliable, low temp starting as low as -20°F.

• Supports 1 to 6 lamps. Ideal for rugged outdoor sign cabinet applications. High output 800mA RS Lamps - 120 Volts - 60 Hz.

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
256-148	1	2 - 5' 4"	5716	49.91
256-248	1, 2	4 - 8	5717	49.91
256-272	1, 2	4 - 12	5718	51.54
256-296	2	12 - 16	5719	56.34
256-348	1, 2, 3	4 - 12	5724	58.34
256-396	2, 3	10 - 24	5727	75.72
256-3120	2, 3	16 - 30	5722	91.91
256-448	2, 3, 4	8 - 16	5728	60.50
256-464	2, 3, 4	10 - 22	5729	70.87
256-484	2, 3, 4	16 - 28	5721	91.94
256-496	2, 3, 4	16 - 32	5723	84.01
256-4120	2, 3, 4	20 - 40	5730	113.77
256-648	2, 3, 4	10 - 26	5735	95.14
256-672	4, 5, 6	20 - 36	5731	100.81
256-696	4, 5, 6	20 - 48	5732	115.92

MSB -3 Ballasts

• Cover most applications (1-6 lamps, 2 to 48 ft.).

• Thermally protected (UL Class P). Start Temp. -20°.

• Ideal for sign maintenance. MSB - Plastic Sign Ballasts High Output 800mA RS Lamps - 120 Volts - 60 Hz.

Catalog Number	Number of Lamps	Lamp Footage Min./Max.	Reece P/N	Price
MSB-218-816	1, 2, 3, 4, 5, 6	2 - 18	5713	100.39
MSB-1232-816	1, 2, 3, 4, 5, 6	12 - 32	5714	114.61
MSB-1048-816	1, 2, 3, 4, 5, 6	10 - 48	5715	140.16

Advance™ Ballasts for 800mA High Output Rapid Start Lamps

120 Volts, 60Hz
(Min. Starting Temp. - 20°F)

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
ASB-0412-12-BL	1,2	4 - 12	5843	51.91
ASB-0620-24-BL	2,3,4	6 - 20	5844	69.52
ASB-1224-24-BL	2,3,4	12 - 24	5845	86.42
ASB-2040-24-BL	2,3,4	20* - 40*	5846	126.04
ASB-1240-46-BL	4,5,6	12** - 40**	5847	133.59
ASB-2448-46-BL	4,5,6	24*** - 48***	5848	164.91

*Total lamp length of each circuit (A) and (B) must not be less than 10 ft. or more than 20 ft.
Circuit (A) is comprised of lamps 1, 2.
Circuit (B) is comprised of lamps 3, 4.

**Total lamp length of each circuit (A) and (B) must not be less than 6 ft. or more than 20 ft.
Circuit (A) is comprised of lamps 1, 2, 3.
Circuit (B) is comprised of lamps 4, 5, 6.

***Total lamps length on each circuit (A) and (B) must not be less than 12 ft. or more than 24 ft.
Circuit (A) is comprised of lamps 1, 2, 3.
Circuit (B) is comprised of lamps 4, 5, 6.

Magnetic Ballasts

France™ Ballasts for High Output 800 mA Rapid Start Lamps

• All units thermally protected.
• Only two footprints (small and medium).
• Six units for 2 to 48 foot flexibility.
• Standard wiring configuration with extra long lead wires.
• Cold weather starting power.
• High output 800mA RS lamps.
• DR models 120 volts/60Hz

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
168 DR	1	2 - 6	5681	87.49
268 DR	1, 2	4 - 8	5682	83.04
288 DR	2	8 - 16	5684	155.22
2128 DR	2	16 - 24	5686	128.91
388 DR	2, 3, 4	16 - 24	5691	144.39
448 DR	2, 3, 4	6 - 16	5694	92.52
458 DR	2, 3, 4	8 - 20	5696	142.79
348 DR	3	6 - 12	5688	130.97
368 DR	3	12 - 18	5689	137.52
3128 DR	3	26 - 36	5693	197.71
488 DR	3, 4	20 - 32	5700	127.14
588 DR	3, 4, 5	16 - 40*	5706	245.74
4128 DR	4	36 - 48*	5702	227.42
568 DR	4, 5	20 - 30	5704	212.64
668 DR	4, 5, 6	24 - 36	5708	166.59
688 DR	4, 5, 6	36 - 48*	5710	189.59

Also available in 277 VAC models. Call for pricing.

* For ballast having multi-lamp capacity, consult wiring diagram for installation.

Allanson/Lighting Components Ballasts

• Minimum Starting Temperature is -20°F (-29°C).
• High Output 800mA RS Lamps 120/277/347
• Primary Voltages - 60Hz.

Ballast Selection Table for High Output RS lamps, 120 volt/60Hz

MFG#	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
272-AT	1, 2	4 - 12	5880	52.06
348-AT	1, 2, 3	6 - 12	5881	59.49
296-AT	2	12 - 16	5878	54.89
372-AT	2, 3	12 - 18	5882	63.36
396-AT	2, 3	18 - 24	5883	68.41
448-AT	2, 3, 4	8 - 16	5884	62.01
472-AT	2, 3, 4	16 - 24	5886	67.57
4120-AT	2, 3, 4	20 - 40	5888	120.44
496-AT	2, 3, 4	24 - 32	5887	85.09
572-AT	4, 5	20 - 30	5889	107.44
648-AT	4, 5, 6	8 - 24	5908	97.47
672-AT	4, 5, 6	24 - 36	5890	96.71
696-AT	4, 5, 6	30 - 48	5891	107.46

AT - standard high output fluorescent with thermal protection, Class "P" outdoor Type 2, non-weatherproof.

Also available in 277 VAC models. Call for pricing.

Electronic Ballasts

Allanson/Lighting Components Electronic Ballasts

Allanson

Energy saving, lightweight electronic outdoor sign ballasts that operate one to six 800mA lamps from $1^{1/2}$ to 48 feet in length, with just five ballasts.

• Power consumption is 40% less than a comparable magnetic ballast
• Lowest starting temperature (-30 °F) and the lowest case operating temperature
• Total harmonic distortion less than 10%

EESB Series Ballast 800 mA High Output Rapid Start Lamps, 120Volts, 50/60Hz (Min. start temp-30°F).

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
EESB-1048-26L	2, 3, 4, 5, 6	10 - 48	83698	93.58
EESB-216-12L	1, 2	2 - 16	83699	48.17
EESB-1808-1L	1	1.5 - 8	54505	44.74
EESB-250-16L	1, 2, 3, 4, 5, 6	2 - 48	82761	118.58
EESB-424-13L	1, 2, 3	4 - 24	5852	64.60
EESB-424-13MV*	1, 2, 3	4 - 24	5853	82.19
EESB-432-14L	1, 2, 3, 4	4 - 32	83700	76.83
EESB-832-16L	1, 2, 3, 4, 5, 6	8 - 32	5854	78.32
EESB-832-16MV*	1, 2, 3, 4, 5, 6	8 - 32	5855	93.80
EESB-1040-14L	1, 2, 3, 4	10 - 40	5858	87.12
EESB-1040-14MV*	1, 2, 3, 4	10 - 40	5859	98.57
EESB-1048-26L	2, 3, 4, 5, 6	10 - 48	5856	89.70
EESB-1048-26MV*	2, 3, 4, 5, 6	10 - 48	5857	103.77

*EESB Multi-Voltage Ballast provide even greater flexibility.

Ballast for 800 mA High Output Rapid Start Lamps, 208/220/240/277/347 Volts, 50/60Hz (Min. start temp-30°F).

Universal Lighting Technologies™ Signa® Electronic Ballasts

T12 Rapid Start HO Lamps, 108 to 305 Volts, 50/60 Hz.

• Universal input voltage
• Simplifies wiring
• Light output comparable to magnetic sign ballasts
• Arc Detection circuit prevents arcing in lamp sockets
• Three units cover applications from 1 to 6 lamps, 2' to 48'
• Cold temperature starting down to -20˚F

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
ESB-216-12*	1, 2	2 -16	54550	38.34
ESB-432-14*	1, 2, 3, 4	4 - 32	54551	59.14
ESB-848-46*	4, 5, 6	8 - 48	54552	75.01

*Ballast for T12 HO 10 ft. Lamps or T8 HO 8 ft. Lamps

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
ESB-1040-14	1, 2, 3, 4	10 - 40	56425	79.17

Universal™ Lighting Technologies Accessories

Splice Box SB-4
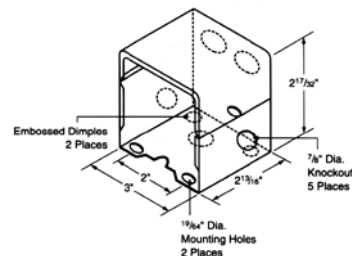
Tee-Pee Lead Wire Cover TP-5
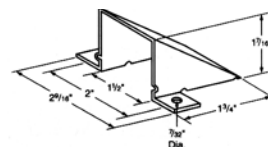
France Powerbrite Electronic Ballasts

FRANCE

• 120-277 volt, 50-60 Hz primary rating
• Only 3 ballasts required to cover 2-48'
• EBP12410-120/277V-IS ballast for 1-4, 10' lamps. Also for 1-4 8' T12HO lamps
• Use with 6' T8HO as well as 8' T12HO lamps
• Easy to use instant start, parallel lamp wiring
• Title 24 Compliant. Class P thermally protected, Outdoor Type 2

	T12 HO Lamps			
Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
EBP1228*	1, 2	2 -16	76495	45.63
EBP1248*	1, 2, 3, 4	4 - 32	91339	71.93
EBP1268*	4, 5, 6	8 - 48	76498	85.83

*Ballast for T12 HO 10 ft. Lamps or T8 HO 8 ft. Lamps

Catalog Number	Number of Lamps	Lamp Footage Min. - Max.	Reece P/N	Price
EBP12410	1, 2, 3, 4	10 - 40	81584	99.67

France Part # Guide

EBP - Electronic Ballast Parallel
12 - T12 Lamps
4 - Maximum number of lamps
10 - Maximum length of lamp

Fluorescent Lamps

Sylvania High Output Lamps - 800mA.

• High light output and long life.
• Produces about 45% more initial lumens than slimline lamps of the
same size.

OSRAM
SYLVANIA

Catalog Number	Nominal Watts	Lumens	Sylvania Std. Ctn.	Reece P/N	Price
F24T12 - CW- HO Cool White	32	1640	30	5403	5.47
F24T12 - D - HO Daylight	32	1380	30	5404	6.93
F30T12 - CW - HO Cool White	42	2250	30	5405	6.56
F36T12 - CW - HO Cool White	44	2850	30	5406	5.16
F36T12 - D - HO Daylight	44	2300	30	5407	6.19
F36T12 - DSGN - HO Design White	44	2100	30	5424	11.60
F42T12 - CW - HO Cool White	51	3500	30	5408	4.77
F42T12 - D - HO Daylight	51	2750	30	5409	6.27
F48T12 - CW - HO Cool White	60	4150	30	5410	4.37
F48T12 - D - HO Daylight	60	3400	30	5411	5.37
F60T12 - CW- HO Cool White	70	5450	30	5412	5.24
F60T12 - D - HO Daylight	70	4450	30	5413	6.07
F60T12 - DSGN - HO Design White	70	4100	30	5428	10.74
F64T12 - CW - HO Cool White	76	5700	30	5414	4.24
F64T12 - D -HO Daylight	76	4850	30	5415	4.43
F64T12 - DSGN -HO Design White	76	4350	30	32673	14.15
F72T12 - CW - HO Cool White	85	6400	15	5416	4.25
F72T12 - D - HO Daylight	85	5300	15	5417	4.43
F72T12 - DSGN - HO Design White	85	4500	15	5429	9.46
F84T12 - CW - HO Cool White	95	7950	15	5418	4.25
F84T12 - D - HO Daylight	95	6700	15	5419	4.43
F84T12 - DSGN - HO Design White	95	5900	15	5430	11.75
F96T12 - CW - HO Cool White	105	9500	15	5420	4.27
F96T12 - D - HO Daylight	105	7800	15	5421	4.43
F96T12 - DSGN HO - Design White	105	7140	15	5431	9.65

The F24 to F42 have approximately 9,000 hours lamp life; all others have approximately 12,000 hours lamp life. Fluorescent lamps lumens rat-
ings are approximate because the initial light output is variable from lamp to lamp. These lamps lessen in light output as they age.

Fluorescent Lamps

GE, High Output Lamps - 800mA.

• High light output and long life.

• Produces about 45% more initial lumens than slimline lamps of same size.

Catalog Number	Nominal Watts	Lumens	GE Std. Ctn.	Reece P/N	Price
F18T12 - CW- HO Cool White	25	1000	24	5512	7.57
F24T12 - CW- HO Cool White	32	1640	24	5514	5.44
F24T12 - D - HO Daylight	32	1380	24	5513	7.19
F36T12 - CW - HO Cool White	44	2850	24	5516	4.57
F36T12 - D - HO Daylight	44	2300	24	5518	4.57
F36T12 - DSGN - HO Design White	44	2100	24	59674	13.07
F42T12 - CW - HO Cool White	51	3500	24	5520	4.52
F42T12 - D - HO Daylight	51	2750	24	5519	4.52
F42T12 - DSGN - HO Design White	51	2750	24	72245	11.46
F48T12 - CW - HO Cool White	60	4150	24	5522	4.44
F48T12 - D - HO Daylight	60	3400	24	5521	4.44
F48T12 - DSGN- HO Design White	60	3100	24	74166	10.42
F60T12 - CW- HO Cool White	70	5450	24	5523	4.79
F60T12 - D - HO Daylight	70	4450	24	5524	6.47
F60T12 - DSGN - HO Design White	70	4100	24	74167	12.11
F64T12 - CW - HO Cool White	76	5700	24	5526	4.66
F64T12 - D -HO Daylight	76	4850	24	5525	4.66
F72T12 - CW - HO Cool White	85	6400	15	5528	4.44
F72T12 - D - HO Daylight	85	5300	15	5527	4.44
F72T12 - DSGN - HO Design White	85	4500	15	74168	10.81
F84T12 - CW - HO Cool White	95	7950	15	5529	4.57
F84T12 - D - HO Daylight	95	6700	15	5530	4.79
F84T12 - DSGN - HO Design White	95	5900	15	74169	12.11
F96T12 - CW - HO Cool White	105	9500	15	5531	4.17
F96T12 - D - HO Daylight	105	7800	15	5532	4.24

The F24 to F42 have approximately 9,000 hours lamp life; all others have approximately 12,000 hours lamp life. Fluorescent lamps lumens ratings are approximate because the initial light output is variable from lamp to lamp. These lamps lessen in light output as they age.

EGL, Portable Slimline Tube Tester

Battery powered high frequency generator for testing pumped neon tubes and fluorescent lamps, operates on four AA batteries. Tube being tested will illuminate in a pulsating manner if "good".

Reece P/N	Price
7286	92.00

Fluorescent Lamps

Voltarc, TriLightmax T8

• High Output Long Life lamps - 60,000 hours
• Life expectancy six times greater than standard T12 HO lamps and up to 40% more efficient.

Catalog #	Description	Length	Watts	Color	CRI	Carton	Life/(hrs)	Reece P/N	Price
MM-84H-18	F18T8/CW/841/HO/RDC	15.91"	15	Cool White	85	18	60,000	75678	19.54
MM-84H-24	F24T8/CW/841/HO/RDC	21.91"	17	Cool White	85	18	60,000	75680	19.54
MM-84H-30	F30T8/CW/841/HO/RDC	27.91"	21	Cool White	85	18	60,000	75681	19.54
MM-84H-36	F36T8/CW/841/HO/RDC	33.91"	25	Cool White	85	18	60,000	75682	19.54
MM-84H-42	F42T8/CW/841/HO/RDC	39.91"	30	Cool White	85	18	60,000	75683	20.60
MM-84H-48	F48T8/CW/841/HO/RDC	45.91"	35	Cool White	85	18	60,000	75684	21.35
MM-84H-58	F58T8/CW/841/HO/RDC	59.00"	58	Cool White	85	18	60,000	75685	21.35
MM-84H-60	F60T8/CW/841/HO/RDC	57.91"	44	Cool White	85	18	60,000	75686	21.35
MM-84H-64	F64T8/CW/841/HO/RDC	61.91"	48	Cool White	85	18	60,000	75688	22.97
MM-84H-72	F72T8/CW/841/HO/RDC	69.91"	53	Cool White	85	18	60,000	75689	22.97
MM-84H-84	F84T8/CW/841/HO/RDC	81.91"	62	Cool White	85	18	60,000	75690	22.97
MM-84H-96	F96T8/CW/841/HO/RDC	93.91"	73	Cool White	85	18	60,000	75691	22.97
MM-85H-18	F18T8/5000/950/HO/RDC	15.91"	15	Max 5000	90	18	60,000	75692	19.54
MM-85H-24	F24T8/5000/950/HO/RDC	21.91"	17	Max 5000	90	18	60,000	75693	19.54
MM-85H-30	F30T8/5000/950/HO/RDC	27.91"	21	Max 5000	90	18	60,000	75695	19.54
MM-85H-36	F36T8/5000/950/HO/RDC	33.91"	25	Max 5000	90	18	60,000	75696	19.54
MM-85H-42	F42T8/5000/950/HO/RDC	39.91"	30	Max 5000	90	18	60,000	75697	20.60
MM-85H-48	F48T8/5000/950/HO/RDC	45.91"	35	Max 5000	90	18	60,000	75698	21.35
MM-85H-58	F58T8/5000/950/HO/RDC	59.00"	58	Max 5000	90	18	60,000	75700	21.35
MM-85H-60	F60T8/5000/950/HO/RDC	57.91"	44	Max 5000	90	18	60,000	75701	21.35
MM-85H-64	F64T8/5000/950/HO/RDC	61.91"	48	Max 5000	90	18	60,000	75718	22.97
MM-85H-72	F72T8/5000/950/HO/RDC	69.91"	53	Max 5000	90	18	60,000	75702	22.97
MM-85H-84	F84T8/5000/950/HO/RDC	81.91"	62	Max 5000	90	18	60,000	75703	22.97
MM-85H-96	F96T8/5000/950/HO/RDC	93.91"	73	Max 5000	90	18	60,000	75705	19.54
MM-86H-24	F24T8/DL/865/HO/RDC	21.91"	17	Day Light	85	18	60,000	75707	19.54
MM-86H-30	F30T8/DL/865/HO/RDC	27.91"	21	Day Light	85	18	60,000	75708	19.54
MM-86H-36	F36T8/DL/865/HO/RDC	33.91"	25	Day Light	85	18	60,000	75709	19.54
MM-86H-42	F42T8/DL/865/HO/RDC	39.91"	30	Day Light	85	18	60,000	75710	20.60
MM-86H-48	F48T8/DL/865/HO/RDC	45.91"	35	Day Light	85	18	60,000	75711	21.35
MM-86H-58	F58T8/DL/865/HO/RDC	59.00"	58	Day Light	85	18	60,000	75712	21.35
MM-86H-60	F60T8/DL/865/HO/RDC	57.91"	44	Day Light	85	18	60,000	75713	21.35
MM-86H-64	F64T8/DL/865/HO/RDC	61.91"	48	Day Light	85	18	60,000	75714	22.97
MM-86H-72	F72T8/DL/865/HO/RDC	69.91"	53	Day Light	85	18	60,000	75715	22.97
MM-86H-84	F84T8/DL/865/HO/RDC	81.91"	62	Day Light	85	18	60,000	75716	22.97
MM-86H-96	F96T8/DL/865/HO/RDC	93.91"	73	Day Light	85	18	60,000	75717	22.97

All lamps are made to standard T12 HO lengths with Recessed Double Contacts (RDC) end caps.
Lamp life is based on 12 hour switching cycle using electronic warm start ballast.
† Lamp wattage is based on nominal 315 mA +/- 5% operating current. Lamp operating current range 265 - 465 mA
Maximum Overall Length:
The length of the lamp from the end of one RDC boss to the end of the opposite RDC boss.
Base Face to Base Face is Maximum Overall Length minus 3/4".

Fluorescent Lamps

Voltarc, TriLightmax Thermal T8

• High Output Long Life lamps - 60,000 hours
• **For Cold Tempurature Use**
• Life expectancy six times greater than standard T12 HO lamps and up to 40% more efficient

Catalog #	Description	Length	Watts	Color	CRI	Carton	Life/(hrs)	Price
MM-84H-18TC	F18T8/CW/841/HO/RDC/CC	15.91"	15	Cool White	85	12	60,000	24.95
MM-84H-24TC	F24T8/CW/841/HO/RDC/CC	21.91"	17	Cool White	85	12	60,000	21.95
MM-84H-30TC	F30T8/CW/841/HO/RDC/CC	27.91"	21	Cool White	85	12	60,000	24.95
MM-84H-36TC	F36T8/CW/841/HO/RDC/CC	33.91"	25	Cool White	85	12	60,000	24.95
MM-84H-42TC	F42T8/CW/841/HO/RDC/CC	39.91"	30	Cool White	85	12	60,000	25.95
MM-84H-48TC	F48T8/CW/841/HO/RDC/CC	45.91"	35	Cool White	85	12	60,000	25.95
MM-84H-58TC	F58T8/CW/841/HO/RDC/CC	59.00"	58	Cool White	85	12	60,000	26.75
MM-84H-60TC	F60T8/CW/841/HO/RDC/CC	57.91"	44	Cool White	85	12	60,000	26.75
MM-84H-64TC	F64T8/CW/841/HO/RDC/CC	61.91"	48	Cool White	85	12	60,000	27.95
MM-84H-72TC	F72T8/CW/841/HO/RDC/CC	69.91"	53	Cool White	85	12	60,000	27.95
MM-84H-84TC	F84T8/CW/841/HO/RDC/CC	81.91"	62	Cool White	85	12	60,000	28.25
MM-84H-96TC	F96T8/CW/841/HO/RDC/CC	93.91"	73	Cool White	85	12	60,000	28.25
MM-85H-18TC	F18T8/5000/950/HO/RDC/CC	15.91"	15	Max 5000	90	12	60,000	24.95
MM-85H-24TC	F24T8/5000/950/HO/RDC/CC	21.91"	17	Max 5000	90	12	60,000	21.95
MM-85H-30TC	F30T8/5000/950/HO/RDC/CC	27.91"	21	Max 5000	90	12	60,000	24.95
MM-85H-36TC	F36T8/5000/950/HO/RDC/CC	33.91"	25	Max 5000	90	12	60,000	24.95
MM-85H-42TC	F42T8/5000/950/HO/RDC/CC	39.91"	30	Max 5000	90	12	60,000	25.95
MM-85H-48TC	F48T8/5000/950/HO/RDC/CC	45.91"	35	Max 5000	90	12	60,000	25.95
MM-85H-58TC	F58T8/5000/950/HO/RDC/CC	59.00"	58	Max 5000	90	12	60,000	26.75
MM-85H-60TC	F60T8/5000/950/HO/RDC/CC	57.91"	44	Max 5000	90	12	60,000	26.75
MM-85H-64TC	F64T8/5000/950/HO/RDC/CC	61.91"	48	Max 5000	90	12	60,000	27.95
MM-85H-72TC	F72T8/5000/950/HO/RDC/CC	69.91"	53	Max 5000	90	12	60,000	27.95
MM-85H-84TC	F84T8/5000/950/HO/RDC/CC	81.91"	62	Max 5000	90	12	60,000	28.25
MM-85H-96TC	F96T8/5000/950/HO/RDC/CC	93.91"	73	Max 5000	90	12	60,000	28.25
MM-86H-18TC	F18T8/DL/865/HO/RDC/CC	15.91"	15	Day Light	85	12	60,000	24.95
MM-86H-24TC	F24T8/DL/865/HO/RDC/CC	21.91"	17	Day Light	85	12	60,000	21.95
MM-86H-30TC	F30T8/DL/865/HO/RDC/CC	27.91"	21	Day Light	85	12	60,000	24.95
MM-86H-36TC	F36T8/DL/865/HO/RDC/CC	33.91"	25	Day Light	85	12	60,000	24.95
MM-86H-42TC	F42T8/DL/865/HO/RDC/CC	39.91"	30	Day Light	85	12	60,000	25.95
MM-86H-48TC	F48T8/DL/865/HO/RDC/CC	45.91"	35	Day Light	85	12	60,000	25.95
MM-86H-58TC	F58T8/DL/865/HO/RDC/CC	59.00"	58	Day Light	85	12	60,000	26.75
MM-86H-60TC	F60T8/DL/865/HO/RDC/CC	57.91"	44	Day Light	85	12	60,000	26.75
MM-86H-64TC	F64T8/DL/865/HO/RDC/CC	61.91"	48	Day Light	85	12	60,000	27.95
MM-86H-72TC	F72T8/DL/865/HO/RDC/CC	69.91"	53	Day Light	85	12	60,000	27.95
MM-86H-84TC	F84T8/DL/865/HO/RDC/CC	81.91"	62	Day Light	85	12	60,000	28.25

All lamps are made to standard T12 HO lengths with Recessed Double Contacts (RDC) end caps.
Lamp life is based on 12 hour switching cycle using electronic warm start ballast.
† Lamp wattage is based on nominal 315 mA +/- 5% operating current. Lamp operating current range 265 - 465 mA
Maximum Overall Length:
The length of the lamp from the end of one RDC boss to the end of the opposite RDC boss.
Base Face to Base Face is Maximum Overall Length minus 3/4".

Fluorescent Lamps

France, Reliant Lamps T8

With more than 5 times the life of a Typical T12HO lamp, the France Reliant system can reduce maintenance, improve reliability, and significantly reduce the environmental impact of your illumination system.

FRANCE

Long Life Lamps

Description	Volts	Length	Type	CRI	Color	Reece P/N	Price
F24T8-LL/DL	6500K	25 3/8"	Long Life	80	Daylight	24178	25.20
F36T8-LL/DL	6500k	36"	Long Life	80	Daylight	24179	25.77
F48T8-LL/DL	6500k	48"	Long Life	80	Daylight	24180	28.15
F60T8-LL/DL	6500k	60"	Long Life	80	Daylight	24181	29.49
F72T8-LL/DL	6500k	72"	Long Life	80	Daylight	56639	30.07
F84T8-LL/DL	6500k	84"	Long Life	80	Daylight	56640	32.37
F96T8-LL/DL	6500k	96"	Long Life	80	Daylight	56641	33.14
F24T8-LL/WP	4000K	25 3/8"	Long Life	85	White Plus	63951	28.00
F36T8-LL/WP	4000K	36"	Long Life	85	White Plus	63953	28.54
F48T8-LL/WP	4000k	48"	Long Life	85	White Plus	63954	30.60
F60T8-LL/WP	4000K	60"	Long Life	85	White Plus	63955	31.62
F72T8-LL/WP	4000K	72"	Long Life	85	White Plus	63956	33.69
F84T8-LL/WP	4000K	84"	Long Life	85	White Plus	63959	34.54
F96T8-LL/WP	4000K	96"	Long Life	85	White Plus	63960	35.39

Cold Climate Lamps

Description	Volts	Length	Type	CRI	Color	Reece P/N	Price
F24T8-CC/WP	4000K	25 3/8"	Non-Diffused	85	White Plus	74236	37.87
F36T8-CC/WP	4000K	36"	Non-Diffused	85	White Plus	74240	38.44
F48T8-CC/WP	4000K	48"	Non-Diffused	85	White Plus	74244	40.50
F60T8-CC/WP	4000K	60"	Non-Diffused	85	White Plus	73470	41.32
F36T8-CC/DL	6500K	36"	Non-Diffused	80	Daylight	39148	38.44
F48T8-CC/DL	6500K	48"	Non-Diffused	80	Daylight	49774	40.50
F60T8-CC/DL	6500K	60"	Non-Diffused	80	Daylight	45023	41.32
F24T8-CCDA/DL	6500K	25 3/8"	Dual Diffusion Type A	80	Daylight	5650	38.54
F36T8-CCDA/DL	6500K	36"	Dual Diffusion Type A	80	Daylight	5651	39.70
F48T8-CCDA/DL	6500K	48"	Dual Diffusion Type A	80	Daylight	5652	40.87
F60T8-CCDA/DL	6500K	60"	Dual Diffusion Type A	80	Daylight	5653	41.27
F24T8-CCDA/WP	4000K	25 3/8"	Dual Diffusion Type A	85	White Plus	74238	38.54
F36T8-CCDA/WP	4000K	36"	Dual Diffusion Type A	85	White Plus	74241	39.70
F48T8-CCDA/WP	4000K	48"	Dual Diffusion Type A	85	White Plus	74245	40.87
F60T8-CCDA/WP	4000K	60"	Dual Diffusion Type A	85	White Plus	74250	41.27
F24T8-CCDB/WP	4000K	25 3/8"	Dual Diffusion Type B	85	White Plus	74239	38.54
F36T8-CCDB/WP	4000K	36"	Dual Diffusion Type B	85	White Plus	74242	39.70
F48T8-CCDB/WP	4000K	48"	Dual Diffusion Type B	85	White Plus	74246	40.87
F60T8-CCDB/WP	4000K	60"	Dual Diffusion Type B	85	White Plus	74251	41.27
F36T8-CCDB/DL	6500K	36"	Dual Diffusion Type B	80	Daylight	74243	39.70
F48T8-CCDB/DL	6500K	48"	Dual Diffusion Type B	80	Daylight	74247	40.87
F60T8-CCDB/DL	6500K	60"	Dual Diffusion Type B	80	Daylight	74252	41.27

Fluorescent Lamps

Voltarc, XtraLong High Output Lamps

9 foot and 10 foot Lamp Specifications.
All dimensions, weights, lumens, watts and hours are nominal.

Catalog #	Nominal Length	Socket to Socket	Watts	Life (hrs)	Lumens	Reece P/N	Price
F108T12/CW/HO	108"	105 13/16"	124	12,000	10,200	54934	13.89
F117T12/CW/HO	117"	114 13/16"	132	12,000	11,200	54936	13.89
F120T12/CW/HO	120"	117 13/16"	135	12,000	11,500	54939	13.89
Catalog #	Nominal Length	Socket to Socket	Watts	Life (hrs)	Lumens	Reece P/N	Price
F108T12/D/HO	108"	105 13/16"	124	12,000	10,200	54935	13.89
F117T12/D/HO	117"	114 13/16"	132	12,000	11,200	54937	13.89
F120T12/D/HO	120"	117 13/16"	135	12,000	11,500	54940	13.89

Voltarc, TriLightmax High Output Lamps

High Output Long Life Lamps

Catalog #	Description	Length	Watts	Color	CRI	Carton	Life/(hrs)	Price	Reece P/N
MM-16H-108	F108T12/DL/HO/RDC	105 3/16	124	Day Light	85	12	50,000	90018	35.75
MM-16H-117	F117T12/DL/HO/RDC	114 3/16	132	Day Light	85	12	50,000	90019	35.75

Voltarc TUFBEND® Lamps

U-Lamps 6" & 9" Leg Spacing. Available in Cool White, Daylight and Sign White. Tufbend FTU9-96T12-CW/HO/CT, FTU9-96T12-D/HO/CT, and FTU6-96T12-D/HO/CT lamps are specifically designed for use in cold temperature applications and will perform satisfactorily on existing ballasts at cold temperatures (<60°F). They are marked "FOR COLD TEMPERATURE USE ONLY".

Lamp Designation (2)	Nominal Bent Length	Actual Bent Length to Socket	Lamp Watts	Rated Life Hours (4)	Lumens Cool White (1)	Reece P/N	Price
FTU9-36T12/HO	18"	15 3/16"	48	9,000	2,750	5551	34.40
FTU9-48T12/HO	24"	21 13/16"	60	12,000	4,000	5535	34.40
FTU9-60T12/HO	30"	27 13/16"	75	12,000	5,125	5555	34.40
FTU9-72T12/HO	36"	33 13/16"	87	12,000	6,125	5557	34.82
FTU9-84T12/HO	42"	39 13/16"	100	12,000	7,400	5559	36.66
FTU9-96T12/HO/CT	48"	45 13/16"	112	12,000	8,750	5561	36.66
FTU9-120T12/HO	60"	56 13/16"	132	12,000	10,650	5563	45.22
FTU6-24T12/HO	12"	10 1/2"	36	9,000	1,600	5535	34.40
FTU6-36T12/HO	18"	16 1/2"	48	9,000	2,750	5537	34.40
FTU6-48T12/HO	24"	22 1/2"	60	12,000	4,000	5539	34.40
FTU6-60T12/HO	30"	28 1/2"	75	12,000	5,125	5541	34.82
FTU6-72T12/HO	36"	34 1/2"	87	12,000	6,125	5543	34.82
FTU6-84T12/HO	42"	40 1/2"	100	12,000	7,400	5545	36.06
FTU6-96T12/HO/CT	48"	46 1/2"	112	12,000	8,750	5547	36.26
FTU6-120T12/HO	60"	57"	132	12,000	10,650	5549	45.22

1. Nominal Lumen Rating Daylight 83% of Cool White, Sign White, 77% of Cool White.
   Ratings are approximate initial lumens at 100 hours.
2. Ballasts: U-Lamps ballasted same as corresponding straight lamps.
3. Ballasts: Ballasts for 1, 2, 3 or 4 XtraLong straight lamps available from several manufacturers.
4. Rated Life: The "Rated Life" of a statistically large group of lamps is defined as the time when 50% of the lamps have failed and 50% have survived. This is based on 3 hours of operation per start.

Fluorescent Lamps

EGL, High Output Lamps

Big Boy™ High output lamps that can be used any time you can avoid using two shorter lamps of equal length. By reducing the number of lamp ends (lumen losses) more light per foot is achieved without unsightly center raceway shadows and with reduced labor and material costs: fewer ballasts, fewer sockets and much less wiring. They can be used as you would any other straight high output lamp. Most sign ballast makers supply ballast that carry up to four lamps, 9, 9 3/4 or 10 feet. Standard colors are coolwhite and daylight. Three sizes in T12 diameters: F108, F117, F120.

Color	Lamp Watts	Length Socket to Socket	Catalog Number	Std/ Pkg	Reece P/N	Price
Cool White	124	105-3/16"	108T12HO/CW	12	5592	13.89
Cool White	135	114-3/16"	117T12HO/CW	12	5594	13.89
Cool White	138	117-3/16"	120T12HO/CW	12	5596	13.89
Daylight	124	105-3/16"	108T12HO/D	12	5593	13.89
Daylight	135	114-3/16"	117T12HO/D	12	5595	13.89

Lampholders

Lampholders Reference Guide

Manufacturer	Catalog Number	Mount Types	Rating	Reece P/N	Price
Allanson	1622 / 1623	Flush	660w / 600-1000v	81373 / 81372	1.08 / .76
Allanson	1620 / 1621	Tombstone	600w / 600-1000v	81371 / 81370	1.48 / 1.36
Kulka	583GDF / 582GDF	Flush	660w / 600-1000v	5625 / 5624	1.96 / 1.52
Kulka	530-1K / 530-2K	Tombstone	660w / 600-1000v	5620 / 5623	2.42 / 1.96
Kulka	1548L-1 / 1548L-2	Tombstone	660w / 600v	5637 / 5638	4.20 / 3.12
Kulka	532-2 / 532-1	Tombstone	660w / 600v	5613 / 5612	7.72 / 3.92
Kulka	572 / 573	Flush	660w / 600v	5616 / 85881	4.00 / 3.39
Kulka	585 / 584	Flush	660w / 600v	5615 / 5614	3.06 / 2.52
Kulka	1575L / 1576L	Tombstone	660w / 600v	5618 / 5619	2.98 / 2.24
Westrim	LH83 / LH82	Flush	660w / 600v	5656 / 5657	1.59 / 1.45
Westrim	LH30-1 / LH30-2	Tombstone	660w / 600v	5658 / 5659	2.22 / 2.08

Allanson, H.O. and V.H.O. Lampholders

• Rated for 660 watts, dual rated 600 volts or 1000 volts.
• U.L. listed and C.S.A. approved for outdoor use in enclosed signs and fixtures.
• 12" lead length.

1622 / 1623   81373 / 81372   1.08 / .76
1620 / 1621   81371 / 81370   1.48 / 1.36

Kulka®, 582GDF™ and 583GDF™ Series

• Lampholders for 800 and 1500mA. Lamps
• Ratings: 660 watts, dual rated 600 volts or 1000 volts
• UL listed and CSA certified for outdoor use in enclosed signs and fixtures.

583GDF / 582GDF   5625 / 5624   1.96 / 1.52

Lampholders

Kulka®, 530-1 and 530-2™ Series

• Rating: 660 Watts, dual rated 600V or 1000V.
• Listing: UL File No. E-13408; CSA File No. LR95423.
• UL listed and CSA certified for outdoor use in
   enclosed signs and fixtures.
• Mounting: Snap-In
• Materials
• Housing: White urea, (Black urea for horizontal plunger contacts)
• Contacts: Horizontal or Vertical silver plated phosphor bronze.
• Gasket: Blue silicone treated neoprene "O" ring

530-1K / 530-2K   5620 / 5623   2.42 / 1.96

Kulka®,1548 Tombstone

• Recessed double contact lampholder for 800 and 1500mA lamps.
• Rating: 660 watts, 600V
• Mounting: Pre-assembled self-retaining 8/32
mounting nuts, with 8/32 x 1/2"
   screws supplied in bulk.
• Screw Terminal: Designed for 18 gage solid or stranded top-coated
wire with a 3/8" strip.

1548L-1 / 1548L-2   5637 / 5638   4.20 / 3.12

Kulka®, 532 Series for 430mA

• Slimline Lamps Snap-In Slimline, Tombstone
• Ratings: 532-1, 532-2 - 1000 Volts, 660 Watts for non-home use;
   532-2,
   600 Volts, 660 Watts.
• UL listed and CSA certified for outdoor use in enclosed signs and
   fixtures.
• Materials: housing - white urea; contacts - silver
   plated phosphor bronze;
   gasket - blue neoprene "O" ring.
• Terminations: lead wires No. 18 AWG stranded
   and tinned, AWM 1000 Volts,
   90°C, 9" long standard or per customer specs.

532-2 / 532-1   5613 / 5612   7.72 / 3.92

Kulka®, 572/573 Series

• For Slimline and Cold Cathode Lamps - Butt-On, Slimline
• Ratings: 572, 572C - 1000 Volts; 660 Watts. 573 -
   600 Volts, 660 Watt.
   573C - 250 Volts, 660 Watts.
• UL listed and CSA certified for outdoor use in
   enclosed signs and fixtures.
• Materials: Housing - white urea; contacts - silver plated copper
   alloy.
• Terminations: lead wires No. 18 AWG stranded & tinned, AWM
   1000 volts,
   90° C, 9" long standard or per customer specs

572 / 573   5616 / 85881   4.00 / 3.39

Kulka®, 584/585 Series for 430MA.

• Lamps Snap-In, Slimline.
• Ratings: 584 - 600 Volts, 660 Watts; 585 - 1000 Volts, 660
   Watts for non-home use.
• Listings: UL File No. E-13408; CSA File No.
   LR95423. UL listed and CSA
   certified for outdoor use in enclosed signs and
   fixtures.
• Materials: housing - white urea; contacts - sil-
   ver plated phosphor bronze;
   Gasket - blue neoprene "O" ring.
• Terminations: lead wires No. 18 AWG stranded and tinned,
   AWM 1000 /volts
   90°C, 9" long standard or per customer specs.

585 / 584   5615 / 5614   3.06 / 2.52

Kulka®, 1575L/1576L Series

• For 430mA Slimline, Tombstone.
• Rating: 1575 & 1575L - 1000 Volts, 660 Watts.
   1576 & 1576L - 600 volts, 660 watts.
• UL listed for outdoor use in enclosed
   signs and fixtures.
• Materials: housing - white urea; con-
   tacts - copper alloy.
• Terminations: "Wire-Fast" terminals for
   No. 18 AWG stranded (twisted and solder dipped or fused)
   or No. 18 solid copper wire; 3/8" strip length; or1575/1576L
   with wire leads No. 18 AWG, AWM 1000V, 90°C, 9" long,
   pitched or per customer specs.

1575L / 1576L   5618 / 5619   2.98 / 2.24

Westrim, LH82/LH83 Series

• Rated 1000V/660 Watt for T8 & T12 Lamps
• WP-LH82, WP-LH30-2 are Stationary Mount
• WP-LH83, WP-LH30-1 are Spring Loaded
• Standard 12" leads - 18 Awg/Awm - 1000V
• Stranded, stripped and pre-tinned.
• 90°C Maximum end use application

LH83 / LH82   5656 / 5657   1.59 / 1.45

Westrim, LH30-1/LH30-2 Series

• Rated 1000V/660 Watt for T8 & T12 Lamps
• WP-LH82, WP-LH30-2 are Stationary Mount
• WP-LH83, WP-LH30-1 are Spring Loaded
• Standard 12" leads - 18 Awg/Awm - 1000V
• Stranded, stripped and pre-tinned.
90°C Maximum end use application

LH30-1 / LH30-2   5658 / 5659   2.22 / 2.08

Lampholders

Kulka®, U-Lamp Mounting Hardware

Rods
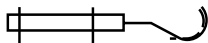
Description	Catalog Number	Rods per Carton	Reece P/N	Price
FTU 24"	12025	12	5578	9.12
FTU 36"	12026	12	5579	9.76
FTU 48"	12027	12	5580	12.30
FTU 60"	12028	12	5582	12.94
FTU 72"	12029	12	5583	14.32
FTU 84"	12030	12	5584	16.74
FTU 96"	12031	12	5585	18.86
FTU 120"	12032	12	5586	24.60

Rod Bracket

	12021	24	5591	5.52

Bases

Description	Catalog #	Usage	Price
12 per carton			
FTU6/HO	12014	Base with 582A lampholder	15.06
FTU9/HO	12015	Base with 582A lampholder	15.06
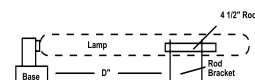
Incadescent Lampholders

Eagle, Medium Base Attachon Sign Lampholders

Features:
• Meets all UL 496 requirements.
• Insulation displacement terminals for stranded wire.
• Lay in wire channels, 1/4" turn twist top speeds installation.
• One piece terminals and contacts. No rivets or eyelets to loosen due to heat.
• 732 is weatherproof - suitable for outdoor use.
• Keyed spring washer prevents rotation of socket after installation.

Catalog #	W	V	Wire Range	Mounting	P/N	Price
732-1	660	250	14 to 12	No-Hook	5605	1.25
732-3	660	250	14 to 12	Snap-in	3157	1.20
4734-2	660	250	18 to 12	Snap-in	5601	1.08

Eagle, Intermediate Base Attachon Sign Lampholders

• Meets all UL 496 requirements.
• Insulation displacement terminals for stranded wire.
• Lay in wire channels, 1/4 turn twist top speeds installation.
• One piece terminals and contacts. No rivets or eyelets to loosen due to heat.
• Keyed spring washer prevents rotation of socket after installation.
•Snap-in or screw-in panel mounting options.

Catalog #	W	V	Wire Range	Mounting	Price
731-2	75	250	18 to 16	Spring Washer	.79
732-3	75	250	18 to 16	Snap-in	1.20

Eagle, Sign Sockets - Porcelain Base, Thermoset Ring

• Meets all UL 496 requirements.
• High-strength insulator porcelain.
• For use in signs, fixtures, decorative lighting and simlar applications.

Catalog#	W	V	Description	Base	Switch	Price
610	660	250	2 piece with switch terminal	Medium	Keyless	2.34

Supro-Lux Receptacles

No. S-248	Reece P/N	Price
	5606	1.62

Medium receptacles for medium base lamps.
For standard round hold. Hole Punching - 1 7/16:
Use 1/2" Punch.
Wire sizes - #12 and #14. 25volt - 600Watt.

No. S-258	Reece P/N	Price
	5607	1.38

One-Man Receptacle
Medium receptacle for medium base lamps.
250Volt - 660Watt.Special hold punch required.

Conduit

Flexible Aluminum Conduit

Greenfield is a flexible metal conduit that has a smooth interior that makes it easy for pulling.

Size	Reece P/N	Price
3/8" x 100'	7774	44.60
1/2" x 100'	7775	49.20

Liquid Tight Flex Conduit (Sealtite)

This is a flexible nonmetallic conduit with a smooth inside for easier pulling. This conduit is used for direct burial because it resists corrosion and rough compo-nents.

Size	Reece P/N	Price
3/8" x 100'	24433	95.26
1/2" x 100'	7773	86.67

Wire

Westrim, Ballast Wire

14 AWG, 19 Strand. 1,000Volt, 105°C rated. 500 foot reels. Available in 12 colors: yellow, blue, red, orange, green, brown, pur-ple, black, white, blue/white, orange/black, and red/white.

Color	Reece P/N	Price
Black	7578	145.39
White	7579	145.39

Fittings

BRIDGEPORT
Quality Conduit & Cable Fittings

Bridgeport, Set Screw Couplings

Set screw type coupling used to join two lengths or EMT. 1/2" thru 1" concrete-tight. All others concrete-tight when taped.

Catalog #	Size	Reece P/N	Price
240	1/2"	7739	.30

Bridgeport, Liquid Tight Connec-tors, Straight

Straight connector for use with metallic and non-metallic "Type B" liquid tight conduit.

Catalog #	Size	Reece P/N	Price
429-LT2	3/8"	7767	2.72

Bridgeport, Liquid Tight Connectors, 90°

90° connector for use with metallic and non-metallic "Type B" liquid tight.

Catalog #	Size	Reece P/N	Price
469-LT2	3/8"	24429	4.15
470-LT2	1/2"	24430	3.92

Bridgeport, Squeeze Con-nector

To connect flexible metal conduit or armored cable to box or enclosure.

Catalog #	Size	Reece P/N	Price
403-DC2	3/8"	7756	.55
407-DC2	1/2"	7757	.74

Bridgeport, Set Screw Connectors

Used to connect armored steel cable to box or enclosure.

Catalog #	K.O.Size	Range	Reece P/N	Price
501-DC2	1/2"	.470 to .570	7766	.30

Furnished with 2-way Phillips/slotted screw.

Bridgeport, 90° Connectors

90° fitting with cover used for connecting flexible metal conduit and armored cable to box or enclosure.

Catalog #	K.O. Size	Flex Size	Reece P/N	Price
801-DC2	1/2"	3/8"	7764	.83

Bridgeport, Two-Screw Strap-Type Connectors

For connecting non-metallic cable to box or enclosure. Zinc Die Cast - Oval Cable.

Catalog #	K.O. Size	Cable Range	Reece P/N	Price
650-DC2	1/2"	2#14 and larger	61862	.30

Bridgeport, Screw-in Connectors

For connection flexible metal conduit to box or enclosure. Zinc Die Cast.

Catalog #	K.O. Size	Flex Size	Reece P/N	Price
519-DC2	1/2"	3/8"	7759	.44
520-DC2	1/2"	1/2"	7760	.48

HID Ballasts

GE Metal Halide Ballast

• Magnetic ballast construction ideal for a wide variety of lighting applications.
• Precision-wound coils, ensuring even heat dissipation and high electrical integrity
• Magnetic core & coil
• UL listed.

Lamp Type	Input Voltage	Catalog Number	Type	Circuit Watt	Input Amps	Reece P/N	Price
Metal 250W	120/277	GEM250ML5AC4-5	CWA	205	1.75/0.75	59278	70.91
Metal 175W	120/277	GEM175MLTAC3-5	CWA	210	1.80/.80	56087	60.43
Metal 320W	120/277	GEP320MLTAC4-5	CWA	370	3.10/1.40	34552	92.28
Metal 400W	120/277	GEM400ML5AA4-5	CWA	446	3.70/1.60	56085	73.65
Metal 1000W	120/277	GEM1000ML5AC5-5	CWA	1,103	9.30/4.10	56086	126.90

Universal™ Lighting Technologies, F-Can Ballasts

• Support 35 to 400 watt lamps.
• Metal halide and pulse start metal halide units provide bright-white light and excellent color.
• High-pressure sodium ballasts are efficient and cost-effective.
• Color-coded leads reduce chance of miswiring.
• UL listed and CSA certified.

Lamp Type	Input Voltage	Catalog Number	Type	Circuit Watt	Input Amps	Reece P/N	Price
175 Watt Metal Halide							
175W	120/277	1110-245SC-TC	CWA	205	1.75/0.75	5782	82.31
250 Watt M58 Metal Halide							
250W	120/277	1110-246C-TC	CWA	295	2.50/1.10	5783	104.19
400 Watt M59 Metal Halide							
400W	120/277	1110-247SC-TC	CWA	450	3.80/1.65	5784	147.09

Universal™ Lighting Technologies, HID Core & Coil Ballasts

• Support 50 to 1,000 watt lamps.
• Available in metal halide, mercury and high-pressure sodium.
• Compact design.
• Color-coded leads reduce chance of miswiring.
• Floating lead wire (no capping and stuffing other wires).
• Kits include brackets, capacitors and starters when applicable.
• Ideal for most street lighting applications.

Lamp Type	Input Voltage	Catalog Number	Circuit Type	Input Watt	Amps	Reece P/N	Price
Metal Halide* - Core & Coil Ballasts - 60Hz							
175W (M57/H39)	120/208 240/277	M175MLTAC3M	CWA 0.9/0.78	213	1.8/1.1	5815	95.41
250W (M58/H37)	120/208 240/277	M250MLTAC3M	CWA 1.3/1.12	294	2.6/1.5	31643	122.60
250W	120/208 240/277	M250MLTAC4M	CWA 1.55/1.25	293	3.05/1.65	28199	110.46
400W (M59/H33)	120/208 240/277	M400MLTAC4M	CWA 2.0/1.7	458	4.0/2.3	5819	82.51
1000W (M47/H36)	120/208 240/277	M1000MLTAC5M	CWA 4.6/4.0	1080	9.2/5.3	5816	161.34

HID Ballasts

Advance®, HID Weatherproof Ballasts
Metal Halide

(60 Hz, Minimum Starting Temperature -20°F or -30°C)

Lamp Watts & Type	Input Volts	Catalog Number	Circuit Type	Watts Input	Max. Input Current	Reece P/N	Price
1-175 M-57/H-39	120/208/240/277	79W5590-001	CWA	210	1.80/1.04/.90/.78	39137	454.17
1-400 M-59/H-33	120/208/240/277	79W6091-001	CWA	455	4.00/2.30/2.00/1.75	8042	275.37
2-400 M-59/H-33	120/240	79W6351-001	CWA (ILO)	890	8.4/4.2	8043	473.41

Advance®, HID F-Can Ballasts
Indoor, Outdoor Type I
Metal Halide

(60 Hz., Minimum Starting Temperature -20°F or -30°C)

Lamp Watts & Type	Input Volts	Circuit Type	Operating Amps	Catalog Number	Watts Input	Reece P/N	Price
1-100/M90	120/277	HX-HPF	1.10/0.48	72C5381-NP	125	5825	132.61
1-150/M102	120/277	HX-HPF	1.60/0.70	72C5482-NP	180	56037	271.49
1-175/150/M57	120/277	CWA	2.00/0.87	72C5581-NP	205	5828	105.71
1-250/M58	120/277	CWA	2.60/1.12	72C5782-NP	290	5808	126.79
1-400/M59	120/277	CWA	3.90/1.70	72C6082-NP	460	5829	185.06

High Pressure Sodium

White SON-Phillips - Minimum starting temperature -30°C or -20°F

Lamp Watts & Type	Input Volts	Circuit Type	Operating Amps	Catalog Number	Watts Input	Reece P/N	Price
1-150/S55	120/277	HX-HPF	1.65/0.72	72C8185-NP	185	73358	242.57

HID Lamps

High Intensity Discharge lamps are classified according to the gas which is contained within the bulb to produce light.

High Pressure Sodium

High Pressure Sodium lamps have the highest efficiency of the three lamp types but do not render colors as well. They have a long warm-up time but a comparatively short restrike time. High Pressure Sodium provides maximum lighting efficiency and operating cost. These lamps are utilized primarily for industrial, roadway and security lighting applications.

Metal Halide

Metal Halide lamps give excellent color rendition with a neutral white light

output and excellent operating efficiency. In addition, these lamps have a long life and enable precise optical control. These lamps are designed for use in the lighting of retail outlets, offices, arenas, service station canopies and parking lots. These lamps require a higher starting voltage and have a longer restrike time than Mercury lamps.

HID Lamps

Sylvania, HID Lamps

SYLVANIA

Lamp	Description	Watts	Avg. Rated Hrs.	Pkg. Qty	Reece P/N	Price
Standard Lumalux® High Pressure Sodium						
LU70	Clear	70	24000+	20	73088	25.54
LU100	Clear	100	24000+	20	28158	25.54
LU150/100	Clear, 100 Volt	150	24000+	10	73090	25.55
LU250	Clear	250	24000+	20	5477	25.55
LU400	Clear	400	24000+	20	5479	25.54
LU1000	Clear	1000	24000+	6	5480	80.42
Metal Halide						
M175/U	Clear, Univ.	175	10000	6	7993	25.98
M175/C/U	Coated, Univ.	175	10000	6	7992	33.29
M250/U	Clear, Univ.	250	10000	6	7998	25.98
M250/C/U	Coated, Univ.	250	10000	6	8000	33.29
M400/U	Clear, Univ.	400	20000	6	7990	24.74
M400/C/U	Coated, Univ.	400	20000	6	7991	33.29
M1000/U	Clear, Univ	1000	15000	6	8002	53.55
M1000/C/U	Coated, Univ.	1000	15000	6	8004	73.32
MS250/HOR	Clear/Horizontal	250	10000	6	28541	63.10
MS400/HOR	Clear/Horizontal	400	20000	6	7989	76.40
MS320/PS/BU-ONLY	Clear/Base Up	320	20000	6	5468	60.48
MS320/C/PS/BU-ONLY	Coated/Base Up	320	20000	6	5469	61.60

GE, HID Lamps

Lamp	Color	Watts	Lumens	Pack	Reece P/N	Price
High Pressure Sodium Rated for 24,000 hour life.						
LU70*	Clear	70	5450	6	74380	31.90
LU100	Clear	100	8550	12	74381	31.90
LU150/55	Clear	150	14400	12	32677	31.90
LU250	Clear	250	27000	12	70773	29.92
LU400	Clear	400	45000	6	74382	31.90
LU1000	Clear	1000	126000	6	32679	88.32

*Medium Base

Lamp	Color	Watts	Lumens	Pack	Reece P/N	Price
Metal Halide						
MVR175/U	Clear	175	10350	12	8027	19.00
MVR250/U	Clear	250	17000	12	8024	19.72
MVR400/U	Clear	400	28800	6	8025	18.68
MVR400/C/U	Phos. Coated	400	27700	6	8026	22.44
MVR1000/U	Clear	1000	88000	6	28547	42.72
MVR1000/C/U	Phos. Coated	1000	79800	6	74404	45.96

MVR 175 and MVR lamps should be burned only in enclosed fixtures; MVR 400 and MVR1000 lamps should be burned in enclosed fixtures when in positions other than vertical.

Bulb life ratings: MVR175/U, MVR 250/U - 10,000 hours

               MRV400/U, MVR400/C/U - 20,000 hours

               MRV1000/U,MVR1000/C/U - 12,000 hours

HID Lamp Accessories

HID Lamp Diffuser

Used to disperse light evenly in the interior of a sign.

Reece P/N	Price
7987	19.29

Leviton, Mogul HID Socket

Porcelain single circuit. Rated 500W. - 600V.
Porcelain body glazed, 2 1/8inches O.D. by 2 1/2 inches high.
Height with cap assembled is not over 3 1/8 inches high.
Also available less cap. Specify.

Catalog No.	Description	Pack	Reece P/N	Price
8680	1/2 I.P.S. Cap	50	8030	6.79

France HID Sign Bright Fixture

Reduces electrical wiring time with all electrical components pre-wired into an integrated wiring compartment.
The pre-formed perforated metal diffuser panel along with a coated HID lamp helps eliminate hot spots on the sign face.
Line load @120V/60HZ = 28.4 amps
Line load @ 277V/60HZ = 13.2 amps

Reece P/N	Price
5926	243.02

Outdoor Lighting

Acme, Floodlite Light-O-Line HO Fluorescent Fixtures

All Lite-O-Line units are anodized aluminum and are priced complete withsplice boxes tapped 3/4". Individual units supplied with a left and right splice box. Tandem units are supplied with left, right and center splice boxes. All shielded units are provided with slide-in clear acrylic shield. For Uplite use, use a snap-in clear acrylic with aluminum snap-on rails. For continuous runs over nominal 16" length, simply total any combination of units and specify the total nominal length of the run so that we can supply the proper amount (and type) of splice boxes. IMPORTANT - It is suggested that the shielded units be used in all colder climactic areas to insure efficient operation of the lamps.

Description	Reece P/N	Price
Acme Floodlite for 1-F96T12/HO or VHO	71479	166.67
Acme Floodlite 2-F96T 12/HO or VHO	28549	194.44
Acme Acrylic shield for above	8069	18.34

Holophane®, Panel-Vue®

Intended Use: For billboard lighting applications, specifically smaller billboards, such as panel boards and poster boards.

Features: Panel-Vue® Optics - The one-piece hydroformed aluminum reflector is contoured to distribute light through the borosilicate glass refractor. Precisely cut prisms direct the light onto the billboard for maximum efficiency and uniformity.

Housing - Rugged die cast aluminum housing contains the precisely engineered reflector, highly efficient integral ballast, Super Metal Halide lamp and socket, available on/off switch, and heavy-duty die cast door, sealed with harsh element resistant gaskets.

Mounting - Conduit (1 1/4" round or 1 1/2" square pipe) fits securely into the luminaire, clamped down to prevent rotation.

Listings: UL Listed to U.S. and Canadian safety standards. The luminaire is suitable for wet locations.

Reece P/N#	Price
8032	514.29

Holophane®, Sign-Vue® II

Intended Use: For billboard lighting applications, specifically larger billboards, such as bulletins.

Features: Sign-Vue® II Optics - The one-piece hydroformed aluminum reflector is contoured to distribute light through the borosilicate glass refractor. Precisely cut prisms direct the light onto the billboard for maximum efficiency and uniformity.

Housing - Rugged die cast aluminum housing contains the precisely engineered reflector, highly efficient integral ballast, Super Metal Halide lamp and socket, available on/off switch, and heavy-duty die cast door, sealed with harsh element resistant gaskets.

Mounting - Conduit (1 1/4" round or 1 1/2" square pipe) fits securely into the luminaire, clamped down to prevent rotation.

Listings: UL Listed to U.S. and Canadian safety standards. The luminaire is suitable for wet locations.

Reece P/N#	Price
8033	514.29

HO Flourescent Strips

4" Width
2 1/2" Depth without Lamp.
Height with cap assembled is not over 3 1/8 inches high.

Size	Description	Reece P/N	Price
8'	C296-T12HO-ELB (2 lamp)	49806	58.25
8'	C196-T12HO-E120-DL (1 lamp)	75069	68.47

Flashers

Signatrol, Model 30 Frame Type

One and two contacts fast speed, 115 volts, 50 or 60 cycle.

The standard unit is furnished with 50% cams, (single notch) so the "ON" and "OFF" periods are of equal length. The motor speed adjustment allows the overall cycle to be varied from one revolution of the cam shaft in two seconds (30 flashes per minute) to one revolution in four seconds (15 flashes per minute).

Model	Type	Number of Contacts	F.P.M.	Flashing Arrangement Action	Reece P/N#	Price
30	O1	1	15-30	On-Off	7783	121.00
30	O2	2	15-30	On-Off	7784	141.90
30	A2	2	15-30	Alternate	7785	141.90

• Unless otherwise specified, 115 volt motor will be furnished.

Signatrol, Model 30 Base Plate Type

Features: Two to four contacts, 2 to 8 second cycle or 30 - 7.5 RPM, 115 Volts 50 or 60 cycle.

Model	Type	Number of Contacts	Watts per Contact	Total Watts	Reece P/N#	Price
30	O3	3	1725	5175	7786	236.50
30	O4	4	1725	6900	7787	278.30
30	A4	4	1725	6900	46034	278.30

• The "O" (On and Off) and "A" (alternate) denotes the flasher is furnished with 50% cams. Customer to specify cam action for "T" type.

Signatrol, Model 30 High Speed Border Chasers and Scintillators

• Three, four and five contacts, 115 volts, 50 or 60 cycle.
• 240 flashes per minute

Model	Type	# of Contacts	Flashing	#Watts	Amps/Contact	Reece P/N#	Price
30	33	3	2 on 1 off	3450	10	7790	217.80
30	44	4	3 on 1 off	4600	10	7791	238.70
30	55	5	4 on 1 off	5750	10	36175	323.40

Signatrol, Model 50 High Voltage Type

The Model 50 high voltage flasher is designed to transfer the secondary side of a 7,500 up to 15,000 volt 30mA transformer for flashing neon tube signs. The standard unit, for 2, 3, 4, 6 or 8 circuit flashing is furnished with a one piece glazed porcelain distributor type top. The disc type motor with permanent magnet provides wide range speed adjustment of 35 to 300 flashes per minute.

Although this Model 50 high voltage flasher is not interrupting the transformer secondary but, transferring from circuit to circuit, under certain conditions, objectionable radio interference can be produced.

Model	Type	Terminals	Circuits	Reece P/N#	Price
50	H4	4	2 or 4	7795	330.00

Signatrol, Model 20 and 24 Heavy Duty Border Chaser and Scintillator

Contact stacks. No need to remove the unit from its cabinet.

Heavy duty contacts. Silver alloy one half inch diameter, for maximum life.

Wiping contacts assures positive operation.

Ball-bearings throughout sealed with aluminum covers to guard against dust and moisture.

Model	Type	# of Contacts	Flashing Arrangement	P/N#	Price
20B	66	6	5 on 1 off	24436	680.90

"B" denotes flasher with contacts prewired to a terminal block.

Flashers

FMS, Model 22 Standard Flashers

A reliable and economical way to ad on-off, alternating or color changing effects to a sign or other device.

1725 watts, 15 amps per contact.

Catalog #	Circuits	Action	Flashes @ Min.	Reece P/N	Price
22-01	1	On-Off	20-30	43500	126.00
22-02	2	On-Off	20-306	66744	150.00
22-A2	2	Alternate	20-30	44507	150.00

FMS, Model 33 Speller Flashers

Model 33 spellers are designed for applications where electric circuits are to be flashed in custom sequences such as with spelling or other animation. These FMS flashers have a variable cycle speed of from 2 to 90 seconds depending on the model.

Catalog #	Circuits	Reece P/N	Price
33-S3	3	70592	315.00

FMS, Model 33 Chasers

These chasers are most commonly used on flashing incandescent bulb signs where "dark spots" chase around a border or directional motion is incorporated into a field of bulbs. Can be used to chase neon, though it must be incorporated on the primary side of any transformers. The Model 33 chaser features molded terminal blocks, permanently lubricated bearings and corrosion resistant surfaces. Contacts on these chasers are rated to handle 10 amps each and are accessible for easy replacement. 115 Volt Motor, 50/60 cycle. UL and cUL listed. Also available in 220 volt.

Model	Circuits	Cam Cut	Flashes/Circuit per Minute Shade On	Shade Off	Watts
33-C4	4	8 lobe	270	210	4600

FMS, Model 55 High Voltage Flasher

This model is designed to distribute the secondary voltage of a neon transformer. Unit will handle from 7,500 to 15,000 volts and distribute this high voltage up to 8 circuits from a single transformer. Referred to as a "neon animator". Available with 4, 6 or 8 contacts.

Model#	Contacts	Circuits	Reece P/N	Price
55-A4F	4	2 or 4	71100	395.00
55-A6F	6	2, 3 or 6	39898	405.00
55-A8F	8	8	61303	415.00

Rocox, Chasers

Patented variable speed Solid State Chaser Flashers (Not for flashing ballasts.) When flashing transformers, a Rocox Snubber is needed for each transformer. With totally silent operations and easy speed control (with a speed range of 50 to 600 flashes per minute per circuit) this Chaser is ideal for inside and outside operation. UL Listed.

Model	# Circuit	Amps	Per Circuit Watts	Voltage	Reece P/N	Price
310	3	10	1150	115	7808	266.67
320	3	20	2300	115	7809	433.34
410	4	10	1150	115	7810	300.01
420	4	20	2300	115	7811	500.01

Rocox, Solid State Flasher: One and two circuits, variable speed.

110	1	10	1150	115	7812	200.01
120	1	20	2300	115	7813	266.67
210	2	10	1150	115	7814	233.34
220	2	20	2300	115	7815	333.34

All flashers and chasers are enclosed in a regular bell box, therefore it is not necessary to enclose them in another box. To replace a mechanical chaser no wiring changes are needed.

Rocox, Slaves

For loads greater than 20 amps per circuit use a Slave unit with flasher or chaser. The flasher or chaser will control the action of the lamps driven by both the Flasher-Chaser and the Slave unit. This also is enclosed in a weatherproof box.

Model No.	Circuits	Amps	Watts	Voltage	Reece P/N	Price
120-S120	1	20	2300	115	7816	266.67

Use one 120-S120 per overloaded circuit with 1, 2, 3 or 4 circuit Flasher or Chaser.

Rocox, Chasers with Special Actions

For the place where you need something different in a flashing effect. To change the action you simply unplug the Chaser Control Module on top of the Chaser Base and plug in a different action. For instance you can remove a #4 action and install a #5 action in 30 seconds. The same module will control a 3 or 4 circuit, 10 or 20 amp chaser.

Model No.	Circuits	Amps	Per Circuit Watts	Voltage	Reece P/N	Price
310 Base	3	10	1150	115	7803	266.67
320 Base	3	20	2300	115	28512	433.34
420 Base	4	20	2300	115	7804	500.01

Time Switches

Intermatic Time Switches

24 Hour Dial T100 Series - Designed for industrial, commercial and residential applications. Highest HP ratings in the industry for loads up to 40 amps, providing direct 24 hr. control of most loads. Provides 1 to 12 "ON/OFF" operations each day with minimum "ON/OFF times of 1 hour. All models equipped with one "ON" and one "OFF" tripper. It is used in indoor/outdoor lighting and signs.

Specifications:

Case - Drawn steel 7 3/4"H, 5" W, 3" D in gray finish.

Spring hasp, with hole for lock holds permanently attached, side hinged door closed.

Three mounting holes on back plus handy box mounting holes.

Knockouts - Combination 1/2" - 3/4" nominal knockouts, one on back and each side of case and two on bottom.

Switch Rating - Each Pole

   40 amp resistive, 120-480 volts A.C.

   40 amp tungsten, inductive or 1000 VA pilot duty, 120-277 volts A.C

   2 HP, 120 volts A.C.

   7 1/2 HP, 208 volts, A.C. three phase.

   10 HP, 240 volts, A.C. three phase.

Catalog #	Clock Motor Switch	Amps Volts 60 Hz	H.P. (per pole)	Rating	Reece P/N	Price
T101	SPST	125	40	2	7817	82.34
T101R	SPST	125	40	2HP	7821	124.80
T102	SPST	208-277	40	5	7818	87.32
T103	DPST	125	40	2	7819	91.50
T103R	DPST	125	40	2HP	24438	133.69

*"R" suffix for NEMA 3R steel Raintight enclosure.

Time and Temperature Displays

Wagner ZipVision

STANDARD FEATURES

All ZipVision electronic message centers feature beautifully styled, aluminum cabinets with semi-gloss black polyurethane finish. In addition, they can operate at a wide range of temperatures ranging from -4 to 158 degrees Farenheit.

* Time/Temp featured with every display, with multiple sizes and configurations to fit every application.
* Ultra-bright LED's use the brightest LED technology available.
* Windowless design that's 40% brighter and easier to maintain.
* Long-life 100,000 hour LED's are up to 90% more efficient.
* LED technology and power supplies that run cooler, draw less power, and cost less to operate than others.
* Direct import and display of AVI files for animation.

Time and Temperature Displays

Wagner ZipVision

STANDARD OPTIONS

Available for any electronic message center, ZipVision Displays offer an array of options designed to maximize the flexibility and potential of the display for any application. Standard options available include:

* Color. Chose from red, amber or full color.
* Configuration. Choose either single-sided or master/slave display depending on the location of the sign.
* Compatability. Compatible with Windows 2000, XP and Vista.
* Communication. All ZipVision signs are wired to accept RS485, RS232 and Ethernet. Also available with 802.11g (wireless inter-net), fiber optic, DSL modem, phone modem or RF.

VISIONSPLAY SOFTWARE

The VisionsPlay software allows you to easily create and manage messages for your ZipVision display. With the VisionsPlay software you an easily create and edit messages, set play mode, color and speed, manage messages, set up your message download display schedule, view messages before sending them to the sign with the simulator and save messages and schedules for future use. You can snap a digital photo, download it to the photo re-sizer feature and display it on your sign in seconds.

VisionsPlay software includes special features such as:

* Count up, count down.
* Built-in display testing.
* Download, add and modify fonts.
* Insert time and tempurature
* Manage the display control with a user interface

Call your Reece Supply Representative for further information.

Transformers

France, P5G-2 Smart Series

•Bypass feature - for easy diagnosis of ground faults and primary wiring problems. Overrides the SCGFP for up to 30 minutes.
•Diagnostic Circuits. LED indicates the reason for service, allowing for quick, easy troubleshooting.
•Secondary Circuit Ground Fault Protection - (SCGFP) disables unit upon detection of arcs to ground in compliance with UL2161 and NEC requirements.

Normal Power Factor -120 volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
15030 P5G-2E	15000	30	475	3.95	107.94
12030 P5G-2E	12000	30	380	3.15	106.01
10530 P5G-2E	10500	30	320	2.65	148.00
9030 P5G-2E	9000	30	300	2.50	88.66
7530 P5G-2E	7500	30	250	2.10	86.74
15060 P5G-2E	15000	60	900	7.50	213.92
12060 P5G-2E	12000	60	720	6.00	185.49
9060 P5G-2E	9000	60	595	4.95	135.82
7560 P5G-2E	7500	60	475	3.95	122.24
6060 P5G-2E	6000	60	380	3.15	146.82
5060 P5G-2E	5000	60	320	2.65	144.84

Also available in 277 VAC models. Call for pricing.

France, P8G-2B NEAT Series

•Ease of installation. Patented angled bushings allow for greater visiblility and ease of access to electrical connections. LED and service button.
•Primary wires already in place. No need to make in-house pigtails
•Secondary Circuit Ground Fault Protection (SCGFP) disables unit upon detection of arcs to ground in compliance with UL2161 and NEC requirements.

Normal Power Factor -120 volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
15030 P8G-2B	15000	30	435	3.60	120.67
12030 P8G-2B	12000	30	380	3.15	118.79
10530 P8G-2B	10500	30	310	2.55	144.91
9030 P8G-2B	9000	30	285	2.35	105.77
7530 P8G-2B	7500	30	250	2.10	103.84
9060 P8G-2B	9000	60	565	4.70	170.74
7560 P8G-2B	7500	60	460	3.85	161.54

Also available in 277 VAC models. Call for pricing.

France, P5KA2NG-2 Smart Series

•Diagnostic circuit. LED indicates the reason for service, allows for quick, easy troubleshooting**.**
•Primary wiring requirements of a NON-SCGFP- with the added safety of Secondary Ground Fault Protection.
•Service button. For easy troubleshooting of ground faults and primary wiring problems. Overrides the SCGFP for up to 30 minutes.
•Auto reset. After secondary ground fault, automatically attempts to reset three times within ten seconds. Manual reset possible at any time by disconnecting primary power.
•Secondary Circuit Ground Fault Protection-(SCGFP) Disables unit upon detection of arcs to ground in compliance with UL2161 and NEC requirements.

Normal Power Factor - 120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
15030 P5KA2NG-2E	15000	30	475	3.95	132.67
12030 P5KA2NG-2E	12000	30	380	3.15	130.62
10530 P5KA2NG-2E	10500	30	320	2.65	152.16
9030 P5KA2NG-2E	9000	30	300	2.50	119.45
7530 P5KA2NG-2E	7500	30	250	2.10	117.42
6030 P5KA2NG-2E	6000	30	200	1.65	148.19
5030 P5KA2NG-2E	5000	30	170	1.40	144.87
4030 P5KA2NG-2E	4000	30	140	1.15	141.34
15060 P5KA2NG-2E	15000	60	900	7.50	335.79
12060 P5KA2NG-2E	12000	60	720	6.00	291.16
9060 P5KA2NG-2E	9000	60	595	4.95	217.51
7560 P5KA2NG-2E	7500	60	475	3.95	193.84

Also available in 277 VAC models. Call for pricing.

France, P2G Series

Low profile outdoor non-weatherproof.
• UL 2161 Listed
• Low profile design allows for increased mounting flexibility.

Normal Power Factor - 120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
6030P2G	6000	30	180	1.6	84.86
5030P2G	5000	30	160	1.4	83.54
4030P2G	4000	30	140	1.3	80.26
3030P2G	3000	30	105	.85	75.31

Transformers

France, PBKMG-51 Series

Indoor/Outdoor non-weatherproof
electrode housing. UL 2161 recognized.

Normal Power Factor - 120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
15030PBKMG-51	15000	30	450	3.75	156.17
12030PBKMG-51	12000	30	379	3.16	146.91
9030PBKMG-51	9000	30	281	2.34	102.12
7530PBKMG-51	7500	30	226	1.88	101.59
6030PBKMG-51	6000	30	180	1.50	100.21
5030PBKMG-51	5000	30	161	1.34	99.34
4130PBKMG-51	4100	30	140	1.17	97.02
9060PBKMG-51	9000	60	540	4.50	188.94
7560PBKMG-51	7500	60	450	3.75	169.61
6060PBKMG-51	6000	60	360	3.00	161.76
5060PBKMG-51	5000	60	300	2.50	154.62
4060PBKMG-51	4000	60	240	2.00	147.51
3060PBKMG-51	3000	60	180	1.50	142.00

Also available in 277 VAC models. Call for pricing.

France, PBKMG-734 Series

Outdoor non-weatherproof electrode housing.
UL2161 Recognized

Normal Power Factor-120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
5030PBKMG-734	5000	30	160	1.34	117.12
4030PBKMG-734	4000	30	140	1.17	113.34
3030PBKMG-734	3000	30	100	0.85	110.87

France, PBKMG-751 Series

Indoor/Outdoor non-weatherproof electrode housing.
UL2161 Recognized

Normal Power Factor-120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
5030PBKMG-751	5000	30	160	1.34	86.96
4030PBKMG-751	4000	30	140	1.17	85.76

France, P5G-2U Service Master

•True 30mA output. The "Service Master" can replace 8 ratings.
•Ready to mount. Step plate eliminates double nutting.
•Diagnosic circuit. LED indicates the reason for service, allowing for quick, easy troubleshooting
•Primary wiring requirements of a non-SCGFP - with added safety of Secondary Ground Fault Protection.
•Service button. For easy troubleshooting of ground faults and primary wiring problems. Overrides the SCGFP for up to 30 minutes.
•Auto reset - After secondary ground fault, automatically attempts to reset three times within 10 seconds. Manual reset possible at any time, by disconnecting primary power.
•Secondary Circuit Ground Fault Protection-(SCGFP) Disables unit upon detection of arcs to ground in compliance with UL2161 and NEC requirements.

15030 P5G-2U Replaces: 15000, 12000 & 10500 Volt
9030 P5G-2U Replaces: 9000, 7500, 6000, 5000, 4000, 3000, and 2000 Volt

Normal Power Factor - 120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
15030 P5G-2UE	15000	30	475	3.95	119.59
9030 P5G-2UE	9000	30	330	2.75	99.51

Also available in 277 VAC models. Call for pricing.

France, FFG-7 Series

•UL 2161 Listed.
•Designed for easy frame mounting on indoor window type neon signs of virtually any size or style.
•Eight foot three conductor line cord with three prong plug, pull-chain ON/OFF switch and 24" long secondary cable.
•Secondary circuit ground fault on 9030 and 7530.

Normal Power Factor - 120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
9030 FFG-7	9000	30	300	2.5	110.21
7530 FFG-7	7500	30	250	2.1	105.56
6030 FFG-7	6000	30	200	1.65	110.66
5030 FFG-7	5000	30	170	1.4	108.87
4030 FFG-7	4000	30	140	1.15	107.29

Transformers

France, HG Series

- UL 2161 Listed.
- Brackets are provided for easy wall or ceiling installation
- 8 ft. three-conductor line cord with 3-prong plug, pull-chain ON/OFF switch and 24" long secondary cable
- Secondary circuit ground fault protection on 9030 and 7530

Normal Power Factor - 120 Volts

Catalog Number	Secondary Volts	mA	Primary V.A.	Input Amps	Price
9030HG	9000	30	300	2.50	136.37
7530HG	7500	30	250	2.10	147.71

Allanson, Standard Outdoor Style

Heavy Duty Outdoor Type (non-weather)
- Secondary circuit ground fault protection
- LED diagnostics reduce troubleshooting time
- Same dimensions as UL506 models
- A 29-minute by-pass switch enables efficient fault detection

Normal Power Factor - 120 volts

Catalog Number	Primary VA	Input Amps	Secondary Volts	mA	Price
1530BPX120	450	3.75	15000	30	110.44
1230BPX120	360	3.00	12000	30	106.32
1030BPX120	315	2.62	10500	30	101.71
930CPX120	270	2.25	9000	30	90.79
7530CPX120	225	1.88	7500	30	87.69
530C120	160	1.33	5000	30	62.57
1560BPX120	900	7.50	15000	60	171.82
1260BPX120	720	6.00	12000	60	169.01
960BPX120	540	4.50	9000	60	144.69
7560BPX120	450	3.75	7500	60	136.61
660BPX120	360	3.00	6000	60	138.86
560CPX120	320	2.66	5000	60	135.34
460CPX120	290	2.40	4000	60	83.48

Also available in 277 VAC models. Call for pricing.

Allanson, Unitran Protector Style

- Outdoor non-weatherproof unitran enclosed design allows pre-wiring for ready installation, eliminating the need for a transformer box and primary switch.
- Secondary circuit ground fault protection
- Three automatic resets help eliminate nuisance tripping
- A 29-minute by-pass switch enables efficient fault detection

Normal Power Factor - 120 volts

Catalog Number	Primary VA	Input Amps	Secondary Volts	mA	Price
1530FPX120	450	3.75	15000	30	115.47
1230FPX120	360	3.00	12000	30	113.64
930FPX120	270	2.25	9000	30	98.97
7530FPX120	225	1.88	7500	30	95.32
1560FPX120	900	7.50	15000	60	182.77
1260FPX120	720	6.00	12000	60	179.77
960FPX120	540	4.50	9000	60	153.94
7560FPX120	450	3.75	7500	60	130.76
560FPX120	320	2.66	5000	60	140.25

Also available in 277 VAC models. Call for pricing.

Allanson, Mini Housing - EK Series

Heavy Duty Outdoor Non-Weatherproof+

Normal Power Factor - 120 volts

Catalog Number	Primary VA	Input Amps	Secondary Volts	mA	Price
MINI530EK120	160	1.33	5000	30	62.97
MINI430EK120	140	1.17	4000	30	62.15
MINI330EK120	100	0.83	3000	30	59.64

All transformers are UL 2161 recognized and CSA approved.

Allanson, Uni-Serve

- 15,000V unit replaces 15,000V / 12,000V / 10,500V ratings
- 9,000V unit replaces 9,000V / 7,500V / 6,000V / 5,000V ratings
- Available in Standard and Enclosed Case
- 120V, 60hz, normal P.F.
- Poly-resin fill (Standard Case) Asphalt Filled (Enclosed case)
- Dimmable and Flashable

Normal Power Factor - 120 volt

Catalog Number	Primary VA	Input Amps	Secondary Volts	mA	Price
101530BPX120	450	3.75	15000	30	106.32
5930CPX120	270	2.25	9000	30	87.68

Electronic Transformers

France FE1G Eneon

FRANCE

• UL 2161 Listed Type 7 1996 and 1999 NEC compliant.

• Self-adjusting 2,000 - 9,000 volt range.

• Secondary circuit ground fault protection that detects arcs to ground and disables unit. (Power supply must be manually reset).

• Open circuit detection detects opens in high voltage circuit and disables units. (Power supply must be manually reset).

• Visual red LED indicator that illuminates to indicate when a ground fault or open circuit has occurred.

• Standard 6" mounting dimensions; the case mount matches all window/frame style transformers for easy installation.

• No mercury migration and no jelly-beaning.

• Vacuum encapsulated high voltage section protects high voltage circuitry and reduces heat.

• Lightweight (2.2 lbs).

Catalog Number	Secondary Volts	mA	Primary VA	Input Amps	Reece P/N	Price
6000FE1GD	2-6kV	30	102	.85	59750	47.98
9000FE1G	2-9kV	34	180	1.3	6273	59.90
12000FE1GD	2-12kV	30	228	1.9	67947	52.85

Each power supply is complete with a 10' three conductor line cord with 3-prong plug, a pull-chain, On/Off switch and 18" long secondary leads.

France OE1G Eneon

• UL 2161 Listed Type 3, 2005 NEC compliant.

• Self-adjusting 1,000 - 7,500 volt range.

• Secondary circuit ground fault protection that detects arcs to ground and disables unit. (Power supply must be manually reset).

• Open circuit detection detects opens in high voltage circuit and disables units. (Power supply must be manually reset).

• No mercury migration and no jelly-beaning.

• Vacuum encapsulated high voltage section protects high voltage circuitry and reduces heat.

• Lightweight (2.2 lbs).

Catalog Number	Secondary Volts	mA	Primary VA	Input Amps	Reece P/N	Price
5000OE1G	1-5kV	30	120	.5	5976	40.00
7500OE1G	1-5kV	30	120	.75	5975	45.00

Ventex Indoor Neon Power Supplies

Ventex Technology, Inc.

• UL 2161 Listed, CUL Approved
• Open circuit & ground fault protection
• Self adjusting output voltage
• High Power Factor / High Efficiency Design
• True 30mA output
• 10' power cord; on/off switch
• Also available in 220/240 VAC

	VT6030-120	VT9030-120	VT12030-120
Input current (max)	0.6 A	0.9 A	1.1 A
Output voltage	100-6000 V	100-9000 V	100/12000 V
Output Current*	30mA	30mA	30mA
Driving distance**			
Neon	6-16 ft.	4-26 ft.	5-35 ft.
Mercury	3-19 ft.	4-31 ft.	5-41 ft.
GTO leads	32 in.	32 in.	GTO Clamp
Reece P/N #	6337	6338	6340
Price	60.01	65.01	86.67

*Peak to peak voltage

**Based on 12mm tube. Deduct one foot from driving footage for each pair of electrodes.

Ventex 12VDC Power Supplies

• UL2161 Listed, CUL Approved
• Small size and light weight
• 12VDC molded plug connector
• No special tube processing
• Utilizes standard gas pressures

	VT1510-12	VT4015-12
Input Current (max.)	650mA	1400mA
Output voltage	1500V	4000V
Output current*	10mA	15mA
Driving distance**		
Neon	1-5 ft.	1-10 ft.
Mercury	1-6 ft.	1-12 ft.
GTO leads	18 in.	18 in.
Reece P/N#	6334	6345
Price	20.01	31.67

*Equivalent brightness of electromagnetic transformer

**Based on 12mm tube. Deduct one foot from driving footage for each pair of electrodes.

Electronic Transformers

Ventex CL Neon Power Supplies

Designed especially for channel letters, Ventex's CL neon supplies are engineered to make channel letter construction and installation easier, faster and economical.

- UL 2161 listed, CUL approved
- Open circuit & ground fault protection
- Self adjusting output voltage
- No primary polarity restrictions
- 1/2" conduit fitting for primary wiring
- Surge protection circuitry included
- Low profile 1.5" height fits under the tube

	VT4030CL-120	VT6030CL-120	VT9030CL-120
Input current (max)	0.35 A	0.6 A	.9 A
Output voltage	100-4000 V	100-6000 V	100/9000 V
Output Current*	30mA	30mA	30mA
Driving distance**			
Neon	1-10 ft.	3-16 ft.	4-26 ft.
Mercury	1-12 ft.	3-19 ft.	4-31 ft.
GTO leads	24 in.	32 in.	32 in.
Reece P/N #	6343	6341	6342
Price	60.01	65.01	71.67

	VT12030CL-120	VT6060CL-120	VT9060CL-120
Input current (max)	1.5 A	1.8 A	1.85A
Output voltage	100-12000 V	100-6000 V	100/9000 V
Output Current*	30mA	60mA	60mA
Driving distance**			
Neon	4-35 ft.	3-16 ft.	4-26 ft.
Mercury	4-41 ft.	3-19 ft.	4-31 ft.
GTO leads	32 in.	32 in.	32 in.
Reece P/N #	6358	6339	6349
Price	106.67	103.34	113.34

Allanson, POW-R-PACK™

- Intelligent diagnostics of ground fault and open circuit protection
- Overload detection
- Sleeveless GTO #16 AWG 15kV, 36" long

Normal Power Factor - 120 volts

Catalog Number	Primary VA	Input Amps	Secondary Volts	mA	Price
Indoor High Light Output, Normal Power Factor					
SS1235ICH	300	2.50	2000 - 12000	35	58.64
SS935ICH	100	1.50	2000 - 9000	35	53.32
SS635ICH	65	1.0	2000 - 6000	35	47.30

Glass Tubing

EGL Signmate Neon Tubing

Signmate tubing is single-coated with proprietary phosphors to produce the world's most popular whites and colors. All tubing 15mm or smaller is packaged in 25 lb. boxes; 18mm in 20 lb. boxes. Diameter is available in 7mm to 18mm, four foot lengths.

Available Colors

Bright White 8300	3500 (white)
V3500 (white)	Blue E40
Warm White E3000 (white)	Aqua E21 (Turquoise)
Snowhite 6500 (white)	Pink H37
4500 (white)	Green E10
V4500 white	Turquoise E20 (Bluish Turquoise)
	Turquoise E12 (Greenish Turquoise)

EGL, CL Designer Series

The C.L. Designer series produces a higher output that significantly boosts the brilliance and visibility of rigid and vinyl plastic channel letter fascia. It is equally desirable for open neon signage and architectural lighting requiring super-bright whites, brilliant colors and long term color accuracy. The C.L. Designer series processes as easily as conventional phosphor-coated tubing and is available in four foot lengths in 7, 8, 9, 10, 11, 12, 13, 15, & 18mm diameters.

Available Colors

C.L. Designer White Tubing		Rare-Earth Colored Tubing	
C.L. Designer 24	C.L. Designer 45	Coral Pink	Horizon Blue
C.L. Designer 28	C.L. Designer 65	Flamingo	Tropic Green
C.L. Designer 30	C.L. Designer 71	Violet II	Seacrest
C.L. Designer 35	C.L. Designer 83		
C.L. Designer 41			

Glass Tubing

EGL, Signmate II Neon Tubing

Signmate II tubing is first coated with a color stain that is baked-on, then with EGL's proprietary phosphors, the pre-staining step resulting in added color vividness and intensity. Available in five select colors, Signmate II tubing is excellent for borders. Care should be used if tight bending patterns are required as bend "washout" may occur.

Available colors	*Color with Argon/ with Neon*	*Diameter*
Neo Blue II	**Deep Blue/Mauve**	**10 to 18mm**
Clear Gold	**Golden Yellow/Tangerine**	**8 to 18mm**
VP Green	**Bright Green/Amber Orange**	**8 to 18mm**
Clear Brite Yellow	**Bright Yellow/Orange**	**8 to 18mm**

Signmate and Signmate II Footage Chart								
Diameter (mm)	8	9	10	11	12	13	15	18
Ft. per lb. average	18	16	13	12	11	10	8.5	7.1

EGL, Accuwall

Accuwall tubing is the machine-drawn colored glass that's easy to bend, opening a world of design freedom for neon sign makers. It offers a more consistent wall thickness and outside diameter and more uniform color than traditional colored glass tubing, allowing you to bend and process the sturdiest and most vivid signage attainable in less time, with far less breakage. Accuwall tubing is available uncoated or coated with EGL's propriety rare earth phosphors. All have fire-polished ends. Diameters are 10, 12, 15 mm.

Accuwall Machine-Drawn 5-Foot Colored Glass Tubing

Available Color	Argon/Mercury	Neon
Aquamarine (clear)	•	
Aquamarine (coated)	•	
Bromo Blue (clear)	•	
Bromo Blue (coated blue glass)	•	
Bromo Blue (coated purple)	•	
Royal Purple (coated)	•	
New Emerald Green (coated)	•	
Noviol Gold (clear)	•	
E-50 Noviol Gold (coated) Bright Yellow	•	
P-73 Noviol Gold (coated) Pure Gold	•	
S-81 Noviol Gold (coated) Medium Yellow	•	
E-60 Casino Gold (coated) Rich Gold	•	
Apple Green (coated Noviol Gold glass)	•	
Orange (coated)	•	
Tangerine (coated Orange glass)	•	
Ruby Red (clear)		•
Ruby Red (coated)	•	

* Where Argon-Mercury is indicated above, Neon is a not recommended due to possible inconsistency of color. Specially-formulated phosphors achieve richest colors with Argon Gas Mixture (Blue/K-4)/HG.

All tubing packaged in 10 lb. bundles/cartons.

Approx. sticks per lb.: 10mm-3.25 sticks; 12mm-2.75 sticks; 15mm- 2sticks.

EGL, Cold Cathode

Historically, "cold cathode" refers to luminous tubing which is larger than 15mm in diameter and operates on a minimum current of 60 milliamps. This larger diameter tubing is often used for interior cove and accent lighting. EGL cold cathode tubing is coated using the same quality coating techniques as is used on their small diameter tubing. This tubing is available in eight-foot lengths in 18, 20 and 25mm diameters.

8-Foot Cold Cathode Lamp Tubing
Available Colors/Description

Warm White 3000/ Warm White	**White 2400K/Tri-phosphor**
White 3500/3500 White	**White 2800K/Tri-phosphor**
White 4500/Cool White	**White 3000K/Tri-phosphor**
Snowwhite 6500/6500 White	**White 3500K/Tri-phosphor**
Green/Green	**White 4100K/Tri-phosphor**
Blue/Blue	**White 6500K/Tri-phosphor**
Horizon Blue/Blue	

25mm sticks packed 24 per case; 18mm and 20mm sticks packed 30 per case.

Voltarc, Neon Tubing

Voltarc® offers the broadest selection of tubing colors and the most whites. Tubing is available in your choice of diameters, in single or double coated clear glass and coated or uncoated colored glass. The expansive selection of tubing options enables you to design neon signs and sculpture in a variety of colors, from pastels to deep, rich shades. Custom-tailored phosphor blends are supplied on special order.

Whites	*Color with Neon*	*Color with Mercury*
8300 Bright	**Bright Tangerine**	**Brightest Bluest White**
6500 Snow White	**Tangerine**	**Snow White**
4500 Cool White	**Tangerine**	**Cool White**
3500 White	**Tangerine**	**White**
3000 Warm White	**Tangerine**	**Warm White**

Colors	*Color with Neon*	*Color with Mercury*
Green	**Amber**	**Green**
Blue	**Flamingo Pink**	**Blue**
Turquoise	**Peach**	**Turquoise**
Aquamarine	**Deep Peach**	**Rich Blue Green**
Purple*	****	**Purple**
Lavender	**Mandarin Orange**	**Lavender**
Ultra Blue* #**	**Bright Rose**	**Bright Blue**
Pink White	**Pale Orange***	**Pink White**
Mercury Rose	**Not Recommended**	**Bright Rose**
Sparkling Blue	**Soft Rose**	**Brightest Blue**
Clear Glass	**Orange-red**	**Blue**

*Produces a low output color not recommended for use, except for special applications.

**Not recommended for use with Neon due to inconsistency of color achieved.

***Tight bends are not recommended.

Glass Tubing

Voltarc, Double Coated Tubing

Originated to provide the richest deepest shades obtainable. Supplied in 4 foot lengths and in 8 to 20mm diameters. Best used for borders and sweeping curves where the brilliance of the color can create an attention getting and dynamic contrast with other sign elements. Tight bends are not recommended because they cause the coating to thin out at these points.

Double Coated

Standard Colors	Color with Neon	Color with Mercury
Clear Brite Yellow™	Bright Orange	Bright Yellow
Clear Gold II™	Amber	Gold
Neo Blue	Mauve	Deep Blue
Neoruby	Ruby	Violet
Veep Green™	Yellow-Orange	Lime Green
Majestic Gold™	Egg Yolk Yellow	*
Majestic Orange™	Rich Citrus Orange	*

*Produces a low output color not recommended for use, except for special applications.

Voltarc, Clear Glass Neon Tubing

Four foot tubing.
Available in clear glass and sizes 5mm, 6mm, 7mm, 8mm 9mm, 10mm, 11mm, 12mm, 13mm, 15mm, 18mm, 20mm, 25mm.

Technolux, UltraClean™ Lead-Free Glass Tubing

59" Ultrasonically cleaned and sealed coated glass tubing. Available in 7mm to 18mm.

Available Colors

Blue #8*	Ultra Blue #122	Traffic Light Green #39
Green #10*	Clear Gold #27	Pineapple #23
Pink #11*	Traffic Light Yellow #527	Special Red #99
Super Turquoise #9	Magenta #14	Coral Rose #13
Sky Blue #24	Violet #15	Apple Green #577
Super Blue #12	Salmon Rose #29	

*UltraClean packages in 11lb. boxes except * packaged in 25 lb. boxes.

Technolux, UltraClean™ Whites

59" Ultrasonically Cleaned and Sealed Coated Glass Tubing.

Standard Whites

6500° White #1	Natural White #6
4500° White #2	Warm White #44
3500° White #3	7500° White, #108
Special White 5000° #5	

Packaged 25 lbs. per box

Triphosphor Whites

Warmtone (2800°) #44500°	Triphosphor #25
3000° Triphosphor #7	Incandescent (2400°) #31

Technolux, Color Tubes

Color Tubes from Technolux is made in Italy by excellent craftsmen producing high quality and high impact colors. These tubes are available in a wide variety of colors and diameters both coated and uncoated. The coated tubes have fire polished ends and are individually sealed.

Color Tubes, 59" Machine-drawn colored glass tubing is available in 8-24mm*

Available Colors

Ruby Red	#118 Ruby Red Neon
	#18 Ruby Red Argon
	#118U Uncoated
Cobalt Blue	#16 Coated
	#16U Uncoated
Purple	#22 Coated
Emerald Green	#35 Coated
	#35U Uncoated
Lite Green	#20 Coated
	#20U Uncoated
Aquamarine	#38 Coated
	#38U Uncoated
Novial	#17 Novial Gold
	#117 Gold (Target)
	#32 Lemon Yellow
	#17U Uncoated
Citrus Orange	#26 Coated
	#26U Uncoated

Black Light #19U Uncoated (1.25 wall thickness) 8mm - 18mm
#19 Coated (1.25 wall thickness) 8mm - 18mm
#19 Coated -25mm, 7 tubes per box (1mm wall thickness)

Color tubes packaged in 11 lb. boxes.
*24mm Color Tubes™

Electrodes

EGL, Electrodes

EGL electrodes have consistently raised the industry standards for reliability and performance since their introduction in 1930.

To ensure rigid quality control, all phases of manufacturing are performed in-house, including emission coating, inverter welding shells with lead wires, and sealing and centering the mounts in glass envelopes.

The latest addition to the growing family of EGL electrodes is the "ADVANTAGE™" electrode series, combining the features you need for the ultimate in brilliance, clarity, and longevity.

All EGL electrodes are made in the USA.

EGL Electrode Specifications

Electrode Type	mA	Diameter	Length	P/N#	Price
10S	20-30	10mm	2	6822	1.66
T10S	20-30	10mm	2	6823	1.99
12L	30	12mm	2.5	6824	1.54
T12L	30	12mm	2.5	6825	1.88
12CM	30	12mm	2	6826	1.42
T12CM	30	12mm	2	6827	1.69
13CL	30-45	13mm	2.5	6856	1.42
T13CL	30-45	13mm	2.5	6857	1.69
13	30	13mm	2	6852	1.42
T13	30	13mm	2	6853	1.69
15CL	30-60	15mm	2.625	75479	1.51
T15CL	30-60	15mm	2.625	6846	1.69
15CS	30-45	15mm	2	6841	1.42
T15CS	30-45	15mm	2	6838	1.69
15CM	30-45	15mm	2.375	6848	1.42
T15CM	30-45	15mm	2.375	6849	1.69
19CM	120-180	19mm	2.625	59219	2.17
T19CM	120-180	19mm	2.625	59228	2.37
19CL	200	19mm	2.875	58082	2.19
T19CL	200	19mm	2.875	58083	2.39

Note: "T" in part number indicates Tubulated.

Housings and Accessories

Westrim, P-K™ Housings

These housings provide the best way to penetrate walls for electrode connections. Rated for 7500 volts, 1 3/8" panel hole required.

PKHX - 1/2" Female conduit connection. mount.

Catalog #	Reece P/N	Price
PKHX	7307	3.73

Housings and Accessories

Westrim, Glass Housings

* Affordable and safe method for making neon electrode connections in raceways.

* Suitable for indoor, outdoor protected and outdoor exposed (wet) locations.

* Borosilicate heat resistant glass.

* Rated for 7500 volt applications.

* Comes with plated steel ferrule to secure the unit to the sign enclosure.

Catalog #	Panel Hole Size	Reece P/N	Price
GH100	1 3/4"	77194	5.15
GH200	1 3/8"	7302	4.23
GH200P	1 3/8"	7343	4.62
GH300	3 1/2"	77198	5.39

GH100   GH200   GH200P   GH300

Westrim, HC Housing Cap

Provides effective insulation cover for the GTO connection to the glass housing. Fits #100, #200, #200P or any 8-32 housing stud.

Catalog #	Reece P/N	Price
HC Cap	7497	.17

Westrim, 2UP Neon Electrode Receptacle

Porcelain ceramic housing perfect for use in channel letters with integral housing transformers. Rated for 7500 volts.

Catalog #	Reece P/N	Price
2UP	7334	4.44

Tube Supports

EGL, Grab-It™ Wireless Supports

Secure grip without wire twists. Glass tubing snaps firmly into the resilient "C" clip which encircles approximately 75% of the tube, providing a secure grip and eliminating the need for unsightly wire twists and associated labor costs. Light shines through the transparent clips, making them virtually invisible. Supports are spring-loaded with 1/8" travel to absorb shock and compensate for tubing irregularities, giving the entire sign a protective suspension. All supports provide a

1 3/4" stand-off height to accommodate "double-back" tube thicknesses. All sizes clearly marked on each tube.

Catalog #	Description	Package	Reece P/N	Price
614109	9mm	100	24372	.35

Westrim, Glass Tube Supports

Catalog #	Description	Reece P/N	Price
TS#1TW	1 3/4"/aluminum base/tie wires	34831	.54
TS#12TW	1 3/4"/brass base/tie wires	32922	.27

FMS, Model 10T3 Tube Support

This support features a 10mm diameter threaded glass stand which is 1 3/4" from center of saddle to end of stem. The exclusive two piece spring temper brass base features two locking notches which hold the glass more securely than conventional one piece bases. Preassembled with tie wire. UL listed.

Catalog #	Description	Package	Reece P/N	Price
10T3	1 3/4"	500	7361	.34

FMS, Model 835 Tube Supports

Designed for applications where more space is desired or necessary between the fluorescent tube and the sign face. The glass stand is 3 1/2" long with cut-off notches every quarter inch starting at 2". The 835 features a two piece zinc plated spring temper brass base. Preassembled with tie wire.

Catalog #	Description	Package	Reece P/N	Price
Model 835	3 1/2"	100	7366	.36

Clear-Vue, Tube Supports

For use wherever visual aesthetics are particularly important. Available in 70mm (2 3/4") height in clear acrylic.

Description	Package	Reece P/N	Price
2 3/4"	500	7389	.50

FMS, Aluminum Extension Post

For special applications which require further distance between the fluorescent tube and the sign face. Sturdy construction and neat appearance with cutoff notches from 2 1/2" to 5 1/2" make it useful in many situations. Tube support not included.

Description	Package	Reece P/N	Price
5 1/2"	500	7368	.15

Gas

EGL, Gas Transfer System

This system provides uninterrupted flow of pure Neon, Argon or special gas mixtures into tubes for neon signs, cold cathode, etc. The system employs a precision made filling valve which eliminates the use of two glass stopcocks. Clean gas flow is guaranteed, as compared to double-stopcock systems which require constant lubrication and can allow air leakage into glass flasks. No entrapped grease vapors are automatically pushed into the neon tubes when the glass stopcocks are used. Once a system is installed, no gas losses are incurred when changing flasks with small, immeasurable volumes of remaining gases. No labor charges are incurred for each changing of replacements flasks.

Part No.	Gas Transfer Systems and Components
448502	Gas Transfer Systems (excluding tank)
	Major Components
448520	Pressure Gauge
733000	Robbins Valve
733010	Glass fitting for Robbins Valve
733020	Metal fitting for Robbins Valve
	Washers
448005	Washer compression set for metal side
448010	Teflon washer compression set for glass side

Voltarc®, Rare Gases

Catalog #	Catalog #	Type of Gas	
1.2 Liter	2.6 Liter		
12003	12007	Neon	
12001	12006	Argon	
12002	12191	Helium	
12004	12008	1050	80% Argon, 20% Neon
12005*	12209	1051	45% Argon, 55% Neon

* All Weather Gas when temperatures are below 40°F.

EGL, Gases

EGL standard and blended gas mixtures are shipped in hard or soft glass flasks in 2.65 liter or 1.25 liters. All EGL metal gas tanks are now disposable. No deposit required.

Standard and Blended Gas Mixtures

Part No.	Gas Type	Volume (Liters)
412000	EGL Neon	1.25
416000		1.00
420000		2.65
424000		2.00
436000		25.00
440000		50.00
444000		100.00

Gas

EGL, Gases

EGL standard and blended gas mixtures are shipped in hard or soft glass flasks in 2.65 liter or 1.25 liters. All EGL metal gas tanks are now disposable. No deposit required.

Standard and Blended Gas Mixtures

Part No.	Gas Type	Volume (Liters)
413000	**EGL Argon**	1.25
417000		1.00
421000		2.65
250000		2.00
437000		25.00
441000		50.00
445000		100.00
414000	**EGL Blue**	1.25
418000		1.00
419000		2.65
423000		2.00
435000		25.00
439000		50.00
443000		100.00
411000	**EGL K4**	1.25
415000	**Cold Weather Gas**	1.00
422000		2.65
426000		2.00
438000		25.00
442000		50.00
446000		100.00
429000	**EGL Flushing**	1.25
430000	**Helium**	1.00
426175		2.65
438800		25.00
442200		50.00
445600		100.00
427000	**EGL Helium**	1.25
428000		1.00
426150		2.65
438600		25.00
442100		50.00
445500		100.00
431000	**EGL, Krypton**	1.25
432000		1.00
433000	**EGL, Xenon**	1.25
434000		1.00

Accessory Components

Tie Wire

22 AWG, solid. Available in 1, 5 or 9 lb. reels. Approximately 500 feet per pound.

Package	Reece P/N	Price
1#	7506	29.39
5#	7507	123.08

Toggle Switch Lock Plate

Prevents accidental shutoffs of signs. Switch can

Catalog #	Package	Reece P/N	Price
SWSLP	25	2858	1.27

Toggle Switch

20 Amp, 125-277 VAC, 1.5 HP, 6" lead wires, On/Off faceplate, silicone boot.

Reece P/N	Price
7340	3.62

Federal Bushings

Used to pass GTO cable through raceway barriers. Made from electrical grade porcelain glazed ceramic. 1/2" conduit threads with locknut. Thread depth: 11/16" (8 threads).

Package	Reece P/N	Price
100	28438	.85

Louvers

•Used for heat ventilation in sign enclosures and boxes.
•Made from aluminum sheet (no screen).
•Available in 1", 2", 3" and 4" diameters.
•Easy installation, just insert in hole and bend tabs back.

Description	Package	Reece P/N	Price
LVR1S. 1"	12	7524	.46
LVR2S. 2"	12	7526	.85
LVR3, 3"	12	7529	1.09
LVR4, 4"	12	7531	1.36

Heyco, Bushings

•Converts raw-edged holes to smooth, neat, insulated holes.
•Insulates and mechanically protects electrical lines.
•Locking fingers snap into holes with fingertip pressure.
•Locking fingers in fractional increments up to the maximum panel thickness.

Catalog #	Panel Thickness	Hole I.D.	Reece P/N	Price
SB 875-11	.125"	.875"	7491	.10
SB 625-8	.125"	.625"	7492	.05

Transformer Boxes

Suitable for indoor or outdoor protected locations, 1/2" conduit knocks outs, knock-outs for toggle switch. UL 879 listed.

Top Off Models	Dimensions	Reece P/N	Price
TC18TO-UL	18" x 7"W x 7"H	64301	14.95
TC22TO-UL	20" x 8"W x 8"H	7494	21.85

Accessory Components

Masters Technology, Water-Tite® Neon Electrode Housing Cap

This is the only multi-purpose housing caps on the market. It eliminates potential arcing problems and fire hazards, prevents contamination of high voltage connections.

Catalog #	Housing	Tube Dia.	Reece P/N	Price
WPB-100-EGH	100	12,15,18 mm	7404	2.23
WPB-200-EGH	200	10,12,15 mm	28441	1.74
WPB-303-EMH	All	12,15,18 mm	7406	1.74

Masters Technology, One Piece Water-tite® Electrode Insulator Boot

This may be used on straight neon tubing or double backs. Available in white, gray or black; 10mm-12mm -13mm and 15mm sizes; 94-5V Flame rating; 7500VT-15000VT max, mid-point ground transformer.

Masters Technology, Two Piece Water-tite® Electrode Insulator Boot

Neon electrode insulator boot used on double backs. 94-5V Flame rating; 7500Vt - 1500 VT max, mid-point ground transformer. Available in white, gray or black; 10mm- 12mm -13mm - 15mm -16mm.

Masters Technology, GTO Cable Sleeving

Available in standard 50' rolls gray or black; 250 rolls on request. 94-5V flame rating. For use with GTO Cable - 1500 VT max rating. This product is intended to sleeve no more than one GTO cable.

Catalog #	Color	Size	Reece P/N	Price
GTOS-1	Black	50'x1 1/2"	7410	76.63
GTOS-1	Gray	50'x1 1/2"	7408	76.63

Westrim, Hi-Flex MAX GTO-15 Wire

Extra thick insulation. No sleeving required when used with polymeric component system, 15,000V, 105°C rate;, 0.360" diameter, 14 AWG, 19 strand.

Catalog #	Color	Size	Reece P/N	Price
GTO15	Black	150'	24398	82.17
GTO15	Gray	200'	7568	85.70
GTO15	White	150'	7563	40.00

Westrim, Hi-Flex MAX GTO-15 Wire

15,000V, 105°C rated; 0.245" diameter, 15AWG, 19 strand.

Catalog #	Color	Size	Reece P/N	Price
GTO15	Black	250'	32916	68.77

Paige, Tuf-Hide® '98 "OP" Noodle Flex GTO-15

Neon sign gas tube oil burner ignition cable suitable for indoor and outdoor use for 15,000 volt service. Construction consists of stranded uncoated annealed copper insulated with sunlight resistant dielectric. 14AWG GTO-15 15,000 Volts -105°C, UL Listed. 2500 ft. reels or special lengths upon request. Complies with UL 814.

Catalog #	Color	Size	Reece P/N	Price
GTO15	Black	250'	7554	73.85

Paige, Tuf-Hide® GTO-15 Mini Superflex

Flexible miniature diameter neon sign gas tube oil burner ignition cable suitable for indoor and outdoor use for 15,000 volt service. Construction consists of stranded uncoated annealed copper insulated with sunlight resistant dielectric. Construction is specially designed for installation in metal conduit. 15,000 Volts, 105°C, UL Listed (complies with new UL 814 requirements (8/1/99). 2500 ft. reels or special lengths can be supplied on request.

Catalog #	Color	Size	Reece P/N	Price
GTO15	Gray	250'	7542	92.31

Paige, Tuf-Hide® Sleeveless II GTO with Integral Sleeve

•14 AWG GTO-15.
•15,000 Volts/ 105°C.
•C(UL) listed.
•This specification covers flexible neon sign gas tube oil burner ignition cable suitable for indoor and outdoor use for 15,000 volt service.
•Construction consists of stranded bare copper insulated with sunlight resistant Dielectric. The Tuf-Hide Sleeveless construction eliminates GTO sleeving and covering in neon installations.
•Eliminates the high cost of sleeve and labor of pulling a sleeve over GTO cable.

Catalog #	Color	Size	Reece P/N	Price
GTO15	Black	250'	74740	129.24

Accessory Components

Westrim, Nonsbestos, Neon Pattern Fabric

Translucent high temperature fabric with little odor and contains no asbestos. Marks well with carbon papers or pen inks as well as friction feed plotters. Packaging 38" x 25 yard roll.

Reece P/N	Price
6941	394.62

Westrim, Pattern Paper

Premium quality 70 lb. kraft paper; 1" grid; 1/4" plot points, 48" x 110 yd. roll.

Reece P/N	Price
32840	92.19

FMS, Stazon Blockout Paint

Stazon Blockout Paint is generally used on fluorescent sign tubing where portions of the tubing are to be "blocked out" and thus not show as being illuminated. Features: quick drying; one coat covers; will not freeze; extended shelf life; no pin holes; waterproof; dries to a sharp edge; resists blistering and cracking; apply with brush or dip; heat resistant; non-conductive; and re-dissolvable. Stazon Blockout is non flammable and does not contain any ozone depleting materials. Available in quarts.

Color	Reece P/N	Price
Black	6917	23.00

Westrim, Electrode Buttons, EB15

(packaged 1000/box)

Use on non-tubulated electrodes. Use with any housing which utilizes a spring type electrode contact. Brass construction to provide a positive electrical connection and resist corrosion. Made with wings to secure electrode wires. 0.72" diameters x 0.015" thick. Packaged 1000 per box.

Reece P/N	Price
6914	$.31

Westrim, Electrode Caps, E-Cap

Use on tubulated electrodes to protect the tubulation from damage. Use with any housing which utilizes a spring type electrode contact. Made of brass to provide a positive electrical connection and resist corrosion. Available in 12 and 15mm diameters, regular and long lengths.

Diameter	Reece P/N	Price
12mm	6908	.34
15mm	6910	.36
19mm	6916	.20

Diversified Components, Quik -Connect

Quik- Connect used for channel letter installations.

Catalog #	Description	Reece P/N	Price
101-A	Quik 2" Connect	7395	1.74
101-B	Quik 4" Connect	7396	2.27
101-C	Quik 6" Connect	7398	2.80
101-D	Quik 8" Connect	7399	3.33

Lighting Lux, Short Sleeve/SS

For dry and damp locations only. Packaged 25 or 100 units per box. Short sleeves are used to insulate connections between electrodes and GTO cables.

Catalog #	Color	Size	Reece P/N	Price
SS	White	15mm	69820	.57

Lighting Lux, End Cap/ EC

For dry and damp locations only. 25 or 100 units per box. End caps are used to insulate connections between electrodes and high voltage cables. Room for GTO cable return is provided.

Size	Color	Reece P/N	Price
10mm	Black	69813	.42
10mm	White	69814	.42
12mm	Black	69809	.42
12mm	White	69810	.42
15mm	Black	69798	.57
15mm	White	69800	.57

Lighting Lux, Pass-through

For use only with neon transformer or power supply secondary circuit high voltage wiring. For dry and damp locations only. The Pass-through is used to protect the passage of GTO cables through walls, ceilings, raceways, channel letters and sign enclosures. Use pre-cut PT's for known installation requirements.

Catalog #	Length	Reece P/N	Price
FTL2	2"	69771	3.00
FTL6	6"	69777	5.00
FTL10	10"	69781	6.67
FTL12	12"	69782	7.67

Neon Processing Equipment

EGL, Vacuum Pumps

All EGL vacuum pumps are 2-stage rotary vane direct-drive pumps which reach an ultimate vacuum of 1 x 10^{-4}mbar and have ISO-KF-25 flanges on inlets and outlets. All have anti-suckback valves and are equipped with Pneurop flanges, hose nipple, centering ring, O-ring and clamp.

Vacuum Pump Specifications

	Series A32	Series A70	Series A107
Free Air Displacement			
CFM(L/min.) 3.2 (90)	3.2 (90)	7.0 (195)	10.7 (305)
Oil Capacity quarts	0.825	1.0	1.0
Motor Rating (hp/rpm) 1/3 - 1800		1/2 - 1800	3/4 - 1800
Weight (Approx) lbs	48	55	63
Voltage/Cycles	110V/50/60Hz 220V/50/60Hz	110V/50/60Hz 220V/50/60Hz	110V/50/60Hz 220V/50/60Hz
EGL Part Number	721300	721400	721200
Mist Eliminator (opt)	720915	720915	720915

EGL, #200 Vacuum Pump Oil

Incorporates 2 essential high vacuum characteristics: low vapor pressure which does not materially increase at temperatures up to 50°C; and viscosity sufficiently low for use at 15°C. Remains fairly constant up to 50°C. This oil is recommended to achieve maximum performance of all EGL direct-drive pumps.

Catalog #	Size	Reece P/N	Price
735200	1 ltr.	6993	35.00

EGL, Flushing Oil

Swift, safe removal of harmful sediment and contamination from high vacuum pumps. One or two flushings clean accumulated residues and protects pump. This oil is for flushing only, and should not be used for high vacuum operation.

Catalog #	Size	Reece P/N	Price
7365300	1 gal.	41510	47.50

EGL, #43 Vacuum Pump Oil

A custom blended general-purpose vacuum pump oil utilizing advanced feedstocks. This economical alternative to molecularly distilled fluids possesses a vapor pressure 2x10-4torr at a temperature of 25°C. It is particularly useful in applications where frequent fluid changes cause large volumes of fluids to be used.

Catalog #	Size	Reece P/N	Price
43	l ltr.	34608	47.50

Voltarc, Kolor-Chek'R™

The Kolor Chek'R is a portable, low-cost checking device used to determine the color of unpumped sign tubing. Now available as a light weight model that can be hand held or stationary. Special filter and lamp fluoresce all phosphor colors.

Reece P/N	Price
6997	172.10

EGL, Ultraviolet Color Checker

A compact, lightweight 4 watt UV lamp for checking the color of phosphor coated tubing.

Reece P/N	Price
7287	115.00

Westrim, Neon Hand Block

Used for flattening neon tube bends. Clean with no harmful fumes. Leaves no marking on neon tubing. Withstands temperatures in excess of 1400°F. 1" thick x 3" wide x 7 1/2" long.

Reece P/N	Price
24328	11.79

EGL, Lead Glass Stopcocks

Size	Reece P/N	Price
2mm	18099	50.00
4mm	6946	60.00
6mm	18100	75.00

Westrim, Glass Files

For quick cuts of glass tubing to desired lengths; files are carbon steel, 8" long.

Reece P/N	Price
6955	22.97

EGL, Portable Slimline Tube Tester

Battery powered high frequency generator for testing pumped neon tubes and fluorescent lamps, operates on four AA batteries. Tube being tested will illuminate in a pulsating manner if "good".

Reece P/N	Price
7286	92.00

Neon Processing Equipment

EGL, Swivels

3/16" Swivels are most commonly used for neon tubing; 1/4" are best suited for cold cathode work (18mm and larger).

Part No.	Available Sizes
671500	1/4" RAE (Right Angle) One-sided Swivel
672000	3/16" RAE (Right Angle) Double Swivel
672100	3/16" RAE (Right Angle) One-sided Swivel
672500	1/4" x 1 1/2" Straight Swivel

EGL, Natural Latex Tubing

For gas and air supply lines.

Part No.	Description	Sizes
669500	Blow Hose	1/8" ID x 1/16" Wall
669000	Hand Torch Hose	1/4" ID x 1/16" Wall
669400	Hand Torch Hose	1/4" ID x 1/8" Wall
670000	Crossfire Hose	3/8" ID x 3/32" Wall
670500	Ribbon Burner Hose	1/2" ID x 1/8" Wall

EGL, Spark Coil

110 or 230 Volt high-frequency generator used for detecting leaks in a pumping system. Models with an "S" are equipped with on/off switches.

Part No.	Available Sizes
740500	BD 10A spark coil 115V
740510	BD 10AS spark coil 115V

EGL, Bombarding Mica

Part No - 761500

EGL, EZ Read Gas Pressure Gauge (Manometer)

Provides accurate readings of rare gases during neon tube or cold cathode filling. This gauge uses a greaseless stopcock assembly designed to prevent the butyl oil from ascending into the manifold system should sudden pressure be applied to the liquid during operation. Connection is made with a glass compression fitting that will accommodate 12 to 15mm tubing. Each gauge is supplied with a calibrated scale and required gauge oil.

Part No.	Description
733600	EZ Read Gauge Complete with stand.
733625	EZ Read Gauge Glass Only.

EGL, Digital Temperature Gauge

Designed for the neon bombarding process, this gauge provides accurate Fahrenheit or Celsius readings in the a range of 32°F - 650°F (0-325°C) and features a large, clear 3/4" LCD, enabling the operator to concentrate fully on bombarding of units.

Part No.	Description
734200	Unit with one nine-volt battery
734210	Replacement Thermocouple

EGL, Maxi-Vac™ Single-Stage Borosilicate Oil Diffusion Pump

Provides pressures of 1 x 10^{-5} Torr at a pumping rate of approximately 8-10 liters/second. This pump has no moving parts for easy maintenance. Intake port is 25mm diameter with a compression fitting that accomodates 15 to 18mm glass.

Part No.	Description
734300	120V/60Hz Model
734305	Diffusion pump glass only
734320	Pancake heater mantle - 120V/60Hz
734321	Pancake heater mantle - 220V, 60Hz
734315	Heater controller 120V/60Hz
734316	Heater controller 220V/50Hz
713055	Pancake heater support ring
713050	Vertical support rod with base
713060	Diffusion pump clamp
735010	50 ml clear diffusion pump oil

EGL, Milliamp Gauge

Electrodes must be bombarded at various power levels for complete conversion of internal emission coatings. This gauge enables you to monitor those power levels accurately for optimum electrode performance and repeatable results. Provides a reading of 0-1000mA (1 amp).

EGL, Digital Pirani Vacuum Gauge

The TM-20 is a single station Pirani Gauge. It can display pressure in Torr, Microns, M-bar or Pascal units using a large easy-to-read LCD display with digital and bar graph readout. Measurement range is from 760 Torr (ATM) down to 1 x 10 range (1micron).

EGL, Mercury Injector

The EGL Mercury Injector improves operator safety and dispensing accuracy. Pressing a button advances a plunger, dispensing 10 microliters (100mg) of mercury, equivalent to a ball 2mm in diameter - the correct amount for most argon-filled "neon" tubes.

Neon Processing Equipment

EGL, Analog Capsule Fill Pressure Gauge

Fill pressure can have a major effect on sign life and quality. Now you can monitor vacuum/pressure during the bombarding process with extreme accuracy and safety - with a high quality gauge designed specifically for that purpose. Features 4" easy to read face for precise indication of mm Hg/Torr from 0 to 40 in one unit graduations.

EGL, Regenerative Blowers

R-4 and R-5 Series high-efficiency regenerative blowers are oil-less, low maintenance, and ruggedly constructed with totally enclosed fan-cooled motor-mounted designs.

EGL, Bombarders and Chokes

15 KVA Bombarder Transformers are suitable for use with all applications and are generally the recommended choice for this reason.
22 KVA models are best suited for large scale, full-time production shops processing 15-25mm tubing and using primarily for 60-120 milliamp electrodes.

EGL, Model 4600 Variable-controlled Choke

This is a DC reactance device using a dial Variac. When used in conjunction with the EGL milliamp gauge this model will provide precise control of bombarding levels combined with ease of operation and reliability.

EGL, 5-Point Crossfires

Available in N = Natural Gas and A = Propane.
Complete Systems include burners, side pipes, sliding base, T-splitter and 1/4" Venturi mixer.
790JC Series (790JC-N or 790JC-A) provides an even heat output system to bend or splice all diameters, from 8mm to 35mm. These both include manifold for burner tips.

EGL, Venturi Mixers

Some glassblowers construct their own mixer "T"s from glass or plumbers' parts, and use common valves to control air and gas flow. Although seemingly cost-conscious, that procedure has negative effect on the overall quality of the work. The reason - control. To make clean joints with lead glass, a stable, blue-violet flame is required. If a low cost setup is being used and difficulties are experienced, it is strongly recommended that a proper mixer be tried.

EGL, Ribbon Burners

Ribbon burners are utilized for creating sweeping curb effects and script type lettering for neon signs. They feature a brass burner bar to eliminate warping and side ignition, and an improved economizer valve with O-ring seals to eliminate leakage. All models are equipped with a control slide to adjust flame length. The cast aluminum body rotates 360° on a collar flange which can be bolted on a workbench or threaded onto an available pipe stand with a 17 point weighted base plate. Available in 16" and 24". Complete units includes economizer and bench flange. A floor stand is also available.

EGL, Cannon-fire Crossfires

Available in N = Natural Gas and A = Propane.
Complete Systems includes burners, side pipes, sliding base, T-splitter and 1/4" Venturi mixer.
BMT Series (BMT-7 N or BMT-A) provides a knife-shape flame ideal for splicing and sufficient heat for bending glass 15mm or less.
S21 Series (S21-N or S21-A) provides a broad, high heat flame hotter than 5-point crossfires but more diffused hence better for bending than splicing.

Neon Processing Equipment

EGL, Hand Torches

Splicing

Part #	Description
650600N	Splicing Torch No. 1 has a #81 oblong "fishtail" burners for splicing 10 - 25 mm glass.
650100A	
665000N	Brass Fishtail Burner Tips (81-N and 81-A) for combination 665000A Splicing/Tipping Torch No. 1 (1/4' MPT).
665000A	

Combination Splicing/Tipping

Part #	Description
650700N	Splicing/Tipping Torch No 2 (228N and 228A) with #228 oblong "fishtail burners for splicing smaller diameter glass (up to
650200A	13mm), and for tipping off with reduced flame.
666000N	Brass Fishtail Burner Tips for combination splicing/Tipping torch. No. 2 (1/4" - 27 thread)
665500A	

Tipping

Part #	Description
650800N	Tipping Torch No. 3 with #228 oblong "fishtail" brass burners for tipping off tubes up to 6mm diameter. May also be used
650300A	for splicing tubes up to 10mm.
666000N	Brass Fishtail Burner Tips for Tipping torch No 3 (1/4" - 27 thread)
665500A	
667540N/A	Brass round Burner Tips for Tipping torch No. 3 (1/4" - 27 thread).
650970N/A	Tipping No. 500 Torch with round burners for tipping off tubes up to 6mm diameter. May also be used for splicing tubes up to 10mm. Replaceable stainless steel tips enable the torch body to be reused indefinitely.
66754N/A	Stainless Steel Round Burner Tips for No. 500 Tipping Torch.

Components Common to All EGL Hand Torches

Part #	Description
682000	Needle Valve, 1/8"
680000	44-50 1/8" Mixer

N=Natural Gas   A=Artificial Gas

EGL, Manifold and Complete Pumping System for Neon Tubing

The EGL MAXI-VAC manifold system virtually eliminates the leakage, breakage, contamination and downtime common to older systems by eliminating the components that cause it. It features heavy wall, large diameter manifold tubing and large bore, grease-free stopcocks.

System I includes Borosilicate Glass Manifold complete with sturdy base 0-40MM HG/TORR fill gauge, highly accurate vacuum gauge complete with gauge adapter/stopcock, newly designed oil diffusion pump (for maximum pumping performance) complete with heater and all necessary mounting hardware.

Part #	Description
Part # 716000	Complete system for gas flasks, 120V, 60Hz.**
Part # 716005	Complete system for gas flasks, 220V, 50Hz.
Part # 716010	Complete system for gas tanks*, 120V, 60Hz.**
Part # 716015	Complete system for gas tanks*, 220V, 50Hz.

System II includes same as System I, including Series A70 or equivalent vacuum pump with stainless steel flex hose and adapter.

Part #	Description
Part # 716025	Complete system for gas flasks, 120V, 60Hz**
Part # 716026	Complete system for gas flasks, 220V, 50Hz.
Part # 716027	Complete system for gas tanks*, 120V, 60Hz.**
Part # 716028	Complete system for gas tanks*, 220V, 50Hz.

Neon Processing Equipment

EGL, Manifold and Complete Pumping System for Neon Tubing

The EGL MAXI-VAC manifold system virtually eliminates the leakage, breakage, contamination and downtime common to older systems by eliminating the components that cause it. It features heavy wall, large diameter manifold tubing and large bore, grease-free stopcocks.

System III includes same as System II, including choice of KVA bombarder and variable output transformer choke and milliamp gauge.

Part #   Description
Part # 716060   Complete system for gas flasks, Series A70 vacuum pump, w/15 KVA bombarder and choke, 120V, 60Hz.**
Part # 716062   Complete system for gas tanks, Series A70 vacuum pump w/15 KVA bombarder and choke, 120V, 60Hz**.
Part # 716078   Complete system for gas flasks, Series A70 ATO vacuum pump, w/22 KVA bombarder and choke,120V, 60Hz.**
Part # 716080   Complete system for gas tanks*, Series A70 vacuum pump, w/22 KVA bombarder and choke, 120V, 60Hz.

System IV (for gas tanks only) includes: same as System III, plus second Series A7- or equivalent vacuum pump with stainless steel flexible hose and adapter, two gas tank systems, EGL digital temperature gauge, set of replacement "O" rings, additional 50cc bottle of clear diffusion pump oil and 100 pairs of 15CL advantage electrodes.

Part No.   Description
Part No. 716164   Complete system for gas tanks*w/2 Series A70 vacuum pump and 22 KVA bombarder and choke, 120V, 60Hz.
*Gas Transfer Systems included with System IV only.
**120V refers to all electrical components except bombarders and chokes (both are 220V primary).

Neon Dimmers

Diversified Components, Neon Dimmers

Part #   Product Description
NE-5   600 VA, 5.2 Amps, Strapmount, Push-On/Push-Off, field adjustable trim, UL Listed.
NE-10   1,000 VA, 8.4 Amps, Single Gang Faceplate, field adjustable trim, UL listed.
NE-15   1,500 VA, 12.5 Amps, Double Gang Faceplate, single Gang Backbox field adjustable trim, UL Listed.
NE-5-P   Neon "Plug-In" Dimmer - 600 VA, 5.2 Amps, Rotary Switch, also dims incandescent signs UL Listed.

Rocox, Dimmers

When dimming neon it is necessary to reduce the amount of neon footage per transformer approximately 50% for approximately 40% dimming. If more dimming is desired the footage per transformer must also be reduced. (For uniform dimming of more than one transformer it may be necessary to use a D-20 dimmer for each transformer.)
D20 - adjustable dimmer - for Neon or Incandescent.

Neon Software

Aries Graphics, Neon Wizard

Neon Wizard is the only Windows graphic design program with features designed specifically for creating and producing neon signs. The program includes everything you need to create neon tube patterns faster and accurately. With Neon Wizard 5.0 you can send all the data needed for complex channel letter designs directly from Neon Wizard to your production equipment - without going through other programs. This software generates all the data required to create tube patterns, letter backs, faces and returns and mounting holes for housings and tube supports. For more details please see the software section of this catalog**.**

Aries Graphics, LED Wizard

LED Wizard is the only Windows graphic design program with features designed specifically for creating and producing LED signs. Features of LED Wizard include:
*Automatically lays out LED modules within channel letters, similar to Neon Wizard
*Lets you edit each path and adjust each module's position as required
*Follows LED-specific rules about spacing and positioning in the corners
*Keeps track of the total number of modules and power usage per run, listed on screen and/or in an Excel spreadsheet
*Captures Important data for estimating
*Gives total wattage to determine power supply

Metal Paint

Special Mix Paint Colors

Reece Supply offers custom color paint mixing service in the following lines of paint:

Grip-Flex	Spraylat Series 400
Grip-Gard Plus	Spraylat Series 20
Matthews Gloss VOC	Spraylat Mark I Gloss & Satin
Matthews Satin VOC	

Please contact your sales representative for more information.

Akzo Nobel, Acrylic Grip-Gard Plus Polyurethane

Grip-Gard Plus is a high solids, two-component polyurethane enamel topcoat developed for application to metal signage components. It is designed as an inter-mix toner system and can be mixed to match thousands of colors in any gloss level desired.

Grip-Gard Plus Intermix Base Colors
(1-Gallon container)

	Color	Reece P/N	Price
B05	Binder/Blender	9720	168.97
B10	White	9721	171.66
B15	Jet Black	9722	171.66
B16	Tinting Black	9723	171.66
B21	Maroon	9734	248.50
B22	Bright Scarlet	9725	278.88
B23	Red Oxide	9726	223.82
B25	Bright Red	9727	252.05
B26	Magenta	9728	221.72
B31	Red Orange	9729	224.39
B41	Red Shade Yellow	9730	266.88
B42	Yellow Oxide	9731	217.92
B43	Bright Yellow	9723	268.25
B44	Light Yellow	9733	268.25
B51	Yellow Shade Green	9734	195.12
B52	Blue Shade Green	9735	196.68
B61	Green Shade Blue	9736	195.07
B62	Red Shade Blue	9737	217.45
B71	Violet	9738	246.64
B72	Burgundy	9739	246.64
B81R	Extra Coarse	9719	217.40
B81M	Very Coarse	9715	217.40
B81P	Coarse	9716	217.10
B27	Transparent Red Oxide	9717	229.73
B45	Transparent Yellow Oxide	9718	229.73
B46	Transparent Yellow	9714	229.73

Grip-Gard Plus Stock Colors
(1-Gallon container)

	Color	Reece P/N	Price
312	Medium Bronze	9755	186.19
313	Dark Bronze	9756	186.19
313E	Dark Bronze	9754	186.19

Grip-Gard Plus Hardeners, Reducers, Additives
(1-Gallon container)

Product	Reece P/N	Price
Plus Hardener	9742	244.22
Plus Reducer	9710	59.93
Plus 2.8 Accelerator Reducer	9757	175.01
Plus 2.8 Reducer	9740	117.66
Plus 2.8 Retarder	9747	130.15
Plus Retarder	9748	81.39
Plus 2.8 444 Matte Paste	9750	187.04
Plus 2.8 Hardener	9742	244.22
Super Top Plus (1Ltr. only	73228	112.45

Akzo Nobel, Grip-Gard VPS

Grip-Gard Clear Coat VPS provides maximum protection to vinyl awnings and signage. This simple 2-step system will allow you to obtain a full range of gloss levels and provide unsurpassed protection from dirt, mildew and ultraviolet light degradation. Not only does it extend the service life of flexible vinyl substrates but it also reduces maintenance because of built-in, self-cleaning properties.

Product	Description	Reece P/N	Price
Grip-Gard VPS-1	Base Clear	8924	84.57
Grip-Gard VPS-2	High Gloss Clear	8866	149.51
Grip-Gard VPS-2	Low Gloss Clear	8869	168.61

Available in one gallon size.

Akzo-Nobel, Grip-Gard Primer System

Product	Reece P/N	Price
Epoxy Primer 2.8/3.5	8919	133.47
Epoxy Primer 4.6	34686	106.44
Epoxy Hardener 3.5/4.6	8920	109.02

Akzo-Nobel, Met-Flex Acrylic Paint

Meta-Flex acrylic metal paints are designed to provide a fast cure, quality finish for the decoration of the metal components of signs. It features excellent adhesion to primed steel and aluminum and offers superb color retention, durability, UV and corrosion resistance. These top coats are easily applied with conventional spray equipment and require no pre-mix or induction period. Since they are single component air dry coatings, no pot life precautions are necessary. Available in one gallon size.

	Color	Reece P/N	Price
195	Satin White	8756	78.89
200	Clear	8696	75.15
632	Med. Bronze Metalic 312	18457	94.64
633	Dark Bronze Metallic 313	8724	100.13
641	Dark Bronze Metallic 313E	8725	103.88
838	Aluminum Metallic	8728	131.76
905	Flat Black	8760	85.65

Metal Paint

Akzo Nobel, Grip-Gard BC Basecoat/Clearcoat

AKZO NOBEL

Grip-Gard BC Basecoat is the first true basecoat system completely dedicated to the sign industry. It offers exceptionally fast tape times – allowing multi-color signs to be painted and out the door in only a fraction of the time.

Grip-Gard BC Basecoat offers easy application and provides an enormous range of colors. Unlike most paint lines, metallic colors are simple to match and easy to apply evenly.

Grip-Gard BC Basecoat/Clearcoat System

	Color	Size	Reece P/N	Price
10	Basecoat Binder	Gal	65387	156.37
110	WhiteBasecoat	Gal	65393	156.37
120	High Strength (Hs) White	Gal	65394	162.62
140	Deep Black	Gal	65395	162.62
160	Mixing Black	Gal	65396	156.37
190	White Gray Transparent	Ltr	65397	54.21
195	White Transparent	Ltr	65398	54.21
231	Brilliant Red	Ltr	65399	95.90
235	Brilliant Red Orange	Ltr	65400	117.44
239	Red Oxide	Ltr	65401	54.21
271	Red Maroon Transparent	Ltr	65402	95.90
279	Red Semi Transparent	Ltr	65403	95.90
326	Bright Orange	Ltr	65404	110.50
328	Brown Red Oxide	Ltr	65405	66.72
348	Orange Yellow	Ltr	65406	95.90
436	Dark Yellow Oxide	Ltr	65407	81.31
437	Bright Yellow Oxide	Ltr	65408	66.72
439	Yellow Orange	Ltr	65409	110.50
452	Light Yellow	Ltr	65410	95.90
455	Bright Yellow	Ltr	65412	95.90
550	Green Transparent	Ltr	65413	81.31
564	Dark Green Transparent	Ltr	65414	81.31
671	Blue Transparent	Ltr	65415	81.31
673	Bright Blue Transparent	Ltr	65416	81.31
678	Blue Violet Transparent	Ltr	65417	81.31
725	Bright Maroon	Ltr	65418	95.90
726	Violet Red Transparent	Ltr	65419	95.90
766	Violet Blue Transparent	Ltr	65420	81.31
811B	Metallic Extra Fine	Ltr	65421	81.31
811E	Metallic Fine	Gal	65422	243.92
811M	Metallic Medium Coarse	Ltr	65423	81.31
811R	Metallic Very Coarse	Gal	65424	243.92
843H	Yellow Gold	Ltr	65425	81.31
911M	Pearl White Medium	Ltr	65426	81.31
914F	Pearl White Fine	Ltr	65427	81.31
922M	Pearl Red	Ltr	65428	81.31
941M	Gold Xirallic	Ltr	65429	81.31
954S	Pearl Bright Green	Ltr	65431	81.31
964R	Pearl Blue	Ltr	65432	81.31
975S	Pearl Violet	Ltr	65434	81.31

Grip-Gard BC Basecoat/Clearcoat System

	Color	Size	Reece P/N	Price
	BC Basecoat Clear	Gal	68090	143.99
	BC Basecoat	Gal	68091	43.74
	BC Clear Hardener	Gal	68092	143.00
	BC Basecoat Slow	Gal	68787	43.74
	BC Basecoat Low	Gal	68822	149.55
	BC Basecoat Fast	Gal	72632	43.74
	BC Basecoat Extra	Gal	72633	45.75
	BC Clear	250ml	72634	16.20
	Base Coat Sealer	Gal	75354	134.12
070	Pearl Transparency	Ltr	76049	54.21
80	Single Stage Converter	Gal	76050	143.87
90	Interior Satin Binder	Ltr	76052	54.21
91	Interior Matte Binder	Ltr	76053	54.21
232	Red Transparent	Ltr	76054	111.11
325	Dark Orange	Ltr	76055	119.57
652	Blue Green Transparent	Ltr	76057	81.31
811J	Metallic Medium	Ltr	76058	81.31
811P	Metallic Coarse	Ltr	76059	81.31
964F	Pearl Blue	Ltr	76060	81.31
481084	Base Coat	Gal	81922	149.55
481146	Base Coat	Gal	85217	143.00
483309	BC 50 Translucent	Gal	87482	147.34
483310	BC Translucent Fast	Gal	87483	39.17
483311	BC Translucent Med	Gal	87484	39.17

Metal Paint

Akzo Nobel, Grip-Gard Hardeners, Reducers, Additives

Type	Catalog #	Description
Polyurethane Hardener	10AHU-31243	A general purpose hardener used for spray application of Grip-Gard topcoats. Available in one quart and one gallon size.
Fast Hardener	004190	Grip-Gard Fast Hardener offers exceptionally fast flash and dry times resulting in increased productivity and significant labor cost savings to the sign manufacturer. Available in one gallon size.
Brushing & Rolling Hardener	10AHU-33743	A general purpose hardener used for brush or roll pad application of Grip-Gard top coats. Available in one quart size.
Non-Stop Reducer	10AHY-31199	A fast reducer suitable for small areas. Also suitable for larger areas when application conditions are under 65°F. Available in one gallon size.
Standard Reducer	10AHY-31372	A medium temperature reducer for any size job. Available in one gallon size.
Very Slow Reducer	10AHY-32177	A high temperature slow reducer for any job size and especially large surface areas. Tempurature above 85°F. Available in one gallon size.
Gloss Modifier Addittive	10AFU-32396	Reduces the gloss level to semi-gloss. Available in one gallon size.
Accelerator 883 Additive	10AHY-31242	A catalyst reducer used in cool weather to speed up drying. Available in one quart and one gallon size.
Texture Additive	10AHY-32209	Used to produce a fine textured surface in the Grip-Gard polyurethane enamel. Available in one liter size.
Universal Brushing/Rolling Additive	10AHG-32313	Designed to convert Grip-Gard, Grip-Gard HS and Meta-Flex™ spray paint into a coating that can be brushed or rolled. Available in one liter and one gallon size.
Flexible Additive	10AHU-33303	Allows Grip-Gard to be used on many rigid and flexible plastic substrates without cracking or chipping. Available in one liter size.
Wax & Grease Remover M600	10AHY-31206	A very good general purpose degreaser. It is suitable for cleaning and degreasing bare metal, existing finishes, primers. Available one gallon and fifty-three gallon size.
Matte Paste	10AFU-31311	Available in one gallon size.
Extratop Accelerator	6202	Available in one quart size.
Waterborne Gun Cleaner		Available in five gallon size.

Metal Paint

Matthews, Satin MAP® Base/Stock Colors

Matthews Acrylic Polyurethane Satin MAP incorporates the same quality performance of MAP but in a uniform satin finish. Ideal substrates include signage components, graphic arts and architectural metals. Satin MAP is also suitable for use on metal, wood and various plastics. Available in gallons.

MAP Satin Gloss Base Colors

Color		Reece P/N	Price
N 202SP	White	9366	138.50
N 911SP	Violet	9367	147.09
N 912SP	Maroon	9368	156.90
N 913SP	Magenta	9369	147.09
N 914SP	Dark Red	9370	153.94
N 915SP	Red Oxide	9371	143.07
N 917SP	Yellow Oxide	9372	143.07
N 920SP	Blue	9373	147.09
N 921SP	Green	9374	143.07
N 923SP	Black	9376	138.50
N 925SP	New Blue	9377	143.07
N 930SP	Light Red	9378	155.44
N 940SP	Red Yellow	9379	155.44
N 942SP	Green Yellow	9380	153.94
N 947SP	Scarlet	9365	185.11

MAP Satin Metallic Base Colors

N 931SP	Transparent Red Oxide	9205	197.82
N 932SP	Transparent Yellow Oxide	9209	180.59
N 951SP	Medium Silver	9360	146.52
N 952SP	Sparkle Silver	9389	146.52
N 953SP	Super Sparkle Silver	8744	146.52
N 954SP	Fine Silver	8745	146.52

Matthews, Gloss MAP® Base/Stock Colors

Matthews Acrylic Polyurethane Gloss MAP incorporates the same quality performance of MAP but in a uniform gloss finish. Ideal substrates include signage components, graphic arts and architectural metals. Satin MAP is also suitable for use on metal, wood and various plastics. Available in gallons.

MAP Full Gloss Base Colors

Color		Reece P/N	Price
SOA 202SP	White	9255	138.50
SOA 911SP	Violet	9263	142.46
SOA 912SP	Maroon	9383	156.23
SOA 913SP	Magenta	9264	146.25
SOA 914SP	Dark Red	9385	156.23
SOA 915SP	Red Oxide	9386	142.46
SOA 917SP	Yellow Oxide	9265	142.46
SOA 920SP	Blue	9266	142.46
SOA 921SP	Green	9267	146.25
SOA 923SP	Black	9268	138.50
SOA 925SP	New Blue	9388	145.69
SOA 930SP	Light Red	9269	154.78
SOA 940SP	Red Yellow	9361	149.15
SOA 942SP	Green Yellow	9362	153.27
SOA 947SP	Scarlet	9364	183.32

MAP Gloss Metallic Base Colors

SOA 931SP	Transparent Red Oxide	24605	199.66
SOA 932SP	Transparent Yellow Oxide	9203	182.32
SOA 951SP	Medium Silver	28670	146.52
SOA 952SP	Sparkle Silver	24606	146.52
SOA 953SP	Super Sparkle Silver	9232	146.52
SOA 954SP	Fine Silver	24607	146.52

Special Mix Paint Colors

Reece Supply offers custom color paint mixing service in the following lines of paint:

Grip-Flex	**Spraylat Series 400**
Grip-Gard Plus	**Spraylat Series 20**
Matthews Gloss VOC	**Spraylat Mark I Gloss & Satin**
Matthews Satin VOC	

Please contact your sales representative for more information.

Metal Paint

Matthews, MAP® Standard Colors

Available in gallons.

MAP Standard Colors

Color		Reece P/N	Price
41 306SP	Signal Jet Black	9318	177.58
41 312SP	Medium Bronze	9319	151.21
41 313SP	Dark Bronze	9320	145.49
41 314SP	Old Copper	9321	145.49
41 335SP	Anodic Black	18518	138.17
41 342SP	Brushed Aluminum	9322	177.58
42 202SP	Natural White	9273	138.50
42 204SP	Gloss Black	9297	138.17
42 208SP	Clear Gloss	9298	141.56
42 212SP	Scarlet Red	9300	203.95
42 214SP	Mexacali Red	33229	200.72
42 215SP	Burgundy Maroon	9301	200.72
42 218SP	Sundance Yellow	39848	151.21
42 219SP	Capri Blue	9303	145.49
42 228SP	Satin Clear	9304	144.89
42 260SP	Braco Clear	9305	164.85
42 900SP	Matte Clear	9306	144.41
46 253SP	Copper	9312	145.49
46 258SP	Tuscon Gold	9311	145.49
46 400SP	Brilliant Gold	9313	185.28
46 401SP	Aztec Gold	9315	186.89
46 402SP	Aztec Copper	9316	188.73

MATTHEWS, MAP PRIMERS/ CATALYSTS/REDUCERS/ADDITIVES

Matthews, 43 333 Suede Catalyst
43 333 Suede Catalyst provides an attractive low gloss suede-like texture that helps hide surface imperfections and reduces marring during assembly, shipping and installation.

Matthews, 43 999 Slow Catalyst
43 999 Slow Catalyst is a slower drying material that will provide more "open time" to reduce dusting and overspray roughness.

Matthews, 43 621 Brushing Catalyst
43 621 Brushing Catalyst was specifically designed for applications where a high viscosity or a mix with more body is required, such as needed for striping, lettering, rolling or brushing.

Matthews, 47 117 Accelerator C
47 117 accelerator will shorten curing time by approximately 50%. Formulated for use in conventional MAP and Satin MAP.

Matthews, 47 333 Anti-Crater Solution
Used to eliminate the problem of fish eyes or craters.

Matthews, 47 888 Flattening Paste
Used to acquire a gloss lower than high gloss.

Matthews, 47 444 Brushing/Rolling Additive
This product is designed to be used in the Matthews Acrylic Polyurethane topcoats to provide maximum leveling and flow characteristics when the product is not spray applied.

Matthews, 47 474SP Flex Additive
Designed to provide flexibility to the coating which will allow pliable substrates to withstand flexing and impact during fabrication or service without brittleness or cracking.

Matthews, 45 340SP Cleanz It
A spray gun cleaner - both a gun and equipment cleaner. Immediately after spraying is complete, use this to clean your gun, any lines with the gun, stirring sticks, containers, etc.

Matthews, 74 770SP HBPT
Matthews HBPT is a two-component, self-etching metal treatment surfacer. It etches the metal surface to provide outstanding paint adhesion and corrosion resistance while providing excellent filling properties to hide metal substrate defects. 74 7770SP or 74 7868SP will not provide good adhesion over anything except bare aluminum or steel.

Matthews, 74 200SP Zap White
This is a single component spray applied coating designed to provide a low gloss light diffusing white for the interior of channel letters and cabinetry. It has adhesion direct to aluminum and steel substrates. This product comes ready to spray and exhibits fast drying allowing faster production and turn around times in the shop. ZAP White is a low gloss white intended to minimize bright spots in illuminated signage and is not intended as a prime coat for Matthews topcoats.

Matthews, 74 102SP and 74 103SP MAP Converter
MAP converter allows for easy metallic application and control in addition to quick multi-color layouts. 74 103SP is formulated to be fast drying. Slow converter 74 103SP should be used in hot weather applications or when larger surfaces require open time for the blending of multiple passes. The use of MAP Converters in basecoat colors necessitates the application of a clear coat for exterior performance.

Matthews, 74 734SP/74 735SP Metal Pretreatment
This metal pretreatment is a quality, two-component, self-etching metal pretreatment. Designed primarily for use on raw aluminum and steel when the surface is scuff free and smooth.

Matthews, 74 760SP/74 766SP PT Filler
Matthews PT filler is a two-component, self etching metal pretreatment surfacer. Designed for use over clean bare metal only.

Metal Paint

Matthews, 74 777SP Tie Bond Clear Adhesive
Tie Bond is a single component spray designed to provide excellent adhesion over various hard slick plastic substrates.

Matthews, 74 780SP/74 781SP High Build Etching Filler
Matthews High Build Etching Filler (HBEF) is a light-toned, two-component, self etching metal pretreatment surfacer. It provides excellent paint adhesion and corrosion resistance while providing superior filling properties to metal surfaces.

Matthews, 74 793SP Spray Bond Adhesive
This is a single, component spray applied adhesive designed to provide excellent adhesion over "hard to adhere to" metals.

Matthews, 274 908SP/274 909SP Rust Inhibiting White Epoxy Primer
This Rust Inhibiting White Epoxy Primer is a two-component white epoxy primer that contains special rust inhibitors. It is an ideal primer for use over metal, aluminum, steel, masonry or wood.

Matthews, 45 330SP Speed Prep Metal Cleanser
Speed Prep Metal Cleanser is a substrate cleaner that has been specifically designed to remove waxes, grease, silicones and other contaminant's from bare metal and therefore eliminating avoidable adhesion problems.

Matthews, 287 437SP Acrylic Polyurethane Accelerators
High solids Accelerator 287 437SP is designed for use in Satin VOC and the Matthews U Prime system, but can be effective in conventional MAP and Satin MAP. This product offers a unique combination of rapid cure with an increased pot life not found in traditional accelerators.

Matthews, MAP Catalysts

Catalog #		Reece P/N	Price
43 270SP	Universal Catalyst	9307	140.56
43 999SP	Slow Catalyst	9351	146.64

Matthews, MAP Reducers

Catalog #			
45 127SP	Pretreatment Retarder	9324	47.88
45 251SP	Retarder Reducer	9421	54.36
45 280SP	Warm Temp Reducer	9422	37.14
45 290SP	Reducer	9423	38.48

Matthews, MAP Additives

Catalog #			
47 117SP*	Accelerator C	76691	47.73
47 444SP*	Brushing/Rolling Additive	9310	36.35
47 474SP*	Flex Additive	9459	57.71
47 888SP	Flattening Paste	9355	79.12
74 102SP	MAP Converter	9334	55.87
74 103SP	Slow Convertor	9336	62.12
287 437SP	Accelerator	8744	47.73

*Quart

Matthews, MAP Primers and Metal Pretreatment

Catalog #	Primers/Metal Pretreatment	Reece P/N	Price
74 734SP	Metal Pretreatment	9323	55.50
74 735SP	Activator	9325	40.20
74 760SP	PT Filler	9333	81.61
74 766SP	PT Activator	9335	48.12
74 777SP	Tie Bond Clear Adhesive	9329	80.82
74 780SP	High Build Etching Filler	9326	80.93
74 781SP	HBEF Activator	9327	47.23
74 793SP	Spray Bond	9338	81.61
274 685SP	VOC U Prime	8788	108.15
274 908SP	Rust Inhibiting White Epoxy	9339	105.46
274 908SP*	Epoxy Hardener	9340	26.04

* Quart

Matthews, MAP Cleaner

Catalog #		Reece P/N	Price
45 330SP	Speed Prep Cleaner	8779	28.15

Matthews Ultra Low VOC MAP ® Paints, Satin

Matthews, Ultra Low VOC MAP® Satin Toners
A benchmark high-performance polyurethane paint that limits VOC to 50g/L or .4172 lbs/gal while delivering superior color and durability. MAP Ultra Low VOC is the cost-effective solution that will save you time and money on total cost per gallon. This new product formulation has 50%-67% solids, depending on color, resulting in better hiding and faster film build. The result is less paint being used and more efficient use of product per job. Available in gallons.

Ultra Low VOC Satin Toner Colors

Color		Reece P/N	Price
MAP-LVS202	White	77900	161.17
MAP-LVS911	Violet	77902	169.88
MAP-LVS912	Maroon	77903	191.66
MAP-LVS913	Magenta	77906	173.15
MAP-LVS914	Dark Red	77907	194.93
MAP-LVS915	Red Oxide	77908	164.44
MAP-LVS917	Yellow Oxide	77909	164.44
MAP-LVS920	Blue	77910	169.88
MAP-LVS921	Green	77911	164.44
MAP-LVS923	Black	77913	161.17
MAP-LVS925	New Blue	77914	169.88
MAP-LVS929	Carbon Black	77915	161.17
MAP-LVS930	Light Red	77916	178.60
MAP-LVS931	Trans Red Oxide	77917	217.80
MAP-LVS932	Trans Yellow Oxide	77918	203.64
MAP-LVS940	Red Yellow	77919	186.22
MAP-LVS942	Green Yellow	77920	178.60
MAP-LVS947	Scarlet Red	77921	217.80
MAP-LVS951*	Medium Silver	77922	178.60
MAP-LVS953*	Super Sparkle Silver	77923	178.60
MAP-LVS954*	Fine Silver	77924	178.60

Metal Paint

Matthews Ultra Low VOC MAP ® Paints, Gloss

Matthews, Ultra Low VOC MAP® Gloss Toners
A benchmark high-performance polyurethane paint that limits VOC to 50g/L or .4172 lbs/gal while delivering superior color and durability. MAP Ultra Low VOC is the cost-effective solution that will save you time and money on total cost per gallon. This new product formulation has 50%-67% solids, depending on color, resulting in better hiding and faster film build. The result is less paint being used and more efficient use of product per job. Available in gallons.

Ultra Low VOC Gloss Toner Colors

Color		Reece P/N	Price
MAP-LVG202	White	77925	158.99
MAP-LVG911	Violet	77926	167.71
MAP-LVG912	Maroon	77927	189.49
MAP-LVG913	Magenta	77928	170.97
MAP-LVG914	Dark Red	77929	192.72
MAP-LVG915	Red Oxide	77930	162.26
MAP-LVG917	Yellow Oxide	77931	162.26
MAP-LVG920	Blue	77932	167.71
MAP-LVG921	Green	77933	162.26
MAP-LVG923	Black	77935	158.99
MAP-LVG925	New Blue	79936	167.71
MAP-LVG929	Gloss Carbon Black	77937	158.99
MAP-LVG930	Light Red	77938	176.42
MAP-LVG931	Trans Red Oxide	77939	215.62
MAP-LVG932	Trans Yellow Oxide	77940	201.47
MAP-LVG940	Red Yellow	77941	184.04
MAP-LVG942	Green Yellow	77942	176.42
MAP-LVG947	Scarlet Red	77943	215.62
MAP-LVG951*	Medium Silver	77944	176.42

Special Mix Paint Colors

Reece Supply offers custom color paint mixing service in the following lines of paint:

Grip-Flex	Spraylat Series 400
Grip-Gard Plus	Spraylat Series 20
Matthews Gloss VOC	Spraylat Mark I Gloss & Satin
Matthews Satin VOC	

Please contact your sales representative for more information.

Matthews Ultra Low VOC MAP ® Additives/Reducers/Primers

Ultra Low VOC Clearcoats

Catalog #	Description	Reece P/N	Price
MAP-LVC208	Gloss	77959	151.37
MAP-LVC228	Satin	77960	154.64
MAP-LVC238	Matte	77961	154.64

Ultra Low VOC Primers

Catalog #	Description	Reece P/N	Price
MAP-LVU100	White Epoxy	77947	112.25
MAP-LVU200	Tinted Polyurethane	88783	112.25

Ultra Low VOC Hardeners

Catalog #	Description	Reece P/N	Price
MAP-LVX101	White Epoxy	77957	30.49
MAP-LVX270	Top Coat Spray	77948	57.35

Ultra Low VOC Reducers

Catalog #	Description	Reece P/N	Price
MAP-LVRS01	Spray Reducer	77965	63.16
MAP-LVRS02	Spray w/Pot Life Ext.	77966	67.52
MAP-LVRB51	Brush & Roll Reducer	77968	17.42

Ultra Low VOC Accelerator

Catalog #	Description	Reece P/N	Price
MAP-LVA117	Accelerator	77963	45.67

Matthews, Non-Chromate Etch Primer

Matthews' two-component 3.5 VOC Non-Chromate Etch Primer is designed for direct-to-metal surface application for aluminum and steel. This product etches itself into the surface to provide outstanding paint adhesion and corrosion resistance. It is a fast-drying pretreatment ideal for applications that require no surface filling.

Catalog #	Description	Reece P/N	Price
74350SP	Non- Chromate Primer	75492	86.59
74351SP	Non-Chromate Hardner	75494	48.85

Metal Paint

Spraylat, Mark 1 Intermix Colors Metal

SPRAYLAT

Spraylat has introduced MARK 1, a new, high performance member of the Series 95 family of metal sign coatings. MARK 1 is an advanced metal sign paint process that uses a universal colorant system to provide both a compliant 2.8 VOC formulation and a conventional 4.0 VOC formulation in a single coating system. MARK 1 is available in a full range of glosses and an extended range of intermix colors though Spraylat's new Integrated Color Matching System. This coating system is also fast dry, smooth and very easy to apply in production. The weatherability of Spraylat's MARK 1 coating is excellent when applied over Spraylat's recommended wash primer or epoxy primer. Available in gallons.

Mark 1 Intermix Satin Colors

Color	Product #	Reece P/N	Price
*White	SM102S	8947	141.35
*Violet	SM111S	8949	154.85
*Maroon	SM112S	8951	166.35
*Magenta	SM113S	8953	159.10
*Cherry Red	SM114S	8955	164.85
*Red Oxide	SM115S	8957	137.45
*Yellow Oxide	SM117S	8959	141.70
*Regal Blue	SM120S	8961	159.10
*Phthalo Green	SM121S	8963	148.95
*Burnt Umber	SM122S	8965	147.60
*Black	SM123S	8967	146.10
*Liberty Blue	SM125S	8969	151.90
*Cardinal Red	SM130S	8971	164.85
*SunflowerYellow	SM140S	8973	164.85
*Lemon Yellow	SM142S	8975	163.40
*Poppy Red	SM147S	8977	195.25
*Clear	SM177S	8979	112.85
*Tranparent Red Oxide	SM131S	8997	166.35
*Transparent Yellow Oxide	SM132S	8098	151.90
*Brushed Aluminum	SM171S	8985	195.25
*Duronodic 313	SM172S	8986	154.85
*Course Aluminum	SM153S	8999	133.85
*Medium Aluminum	SM151S	8988	192.45
*Fine Aluminum	SM152S	9001	171.00
*Extra Fine Aluminum	SM154S	9002	156.95

Mark 1 Intermix Gloss Colors

Color	Product #	Reece P/N	Price
*White	SM302G	8948	148.85
*Violet	SM311G	8950	159.10
*Maroon	SM312G	8952	170.65
*Magenta	SM313G	8954	163.40
*Cherry Red	SM314G	8956	170.65
*Red Oxide	SM315G	8958	141.70
*Yellow Oxide	SM317G	8960	146.10
*Regal Blue	SM320G	8963	163.40
*Phthalo Green	SM321G	8964	153.30
*Burnt Umber	SM322G	8966	151.90
*Black	SM323G	8968	147.55
*Liberty Blue	SM325G	8970	156.15
*Cardinal Red	SM330G	8972	169.20
*SunflowerYellow	SM340G	8974	169.20
*Lemon Yellow	SM342G	8976	167.80
*Poppy Red	SM347G	8978	202.50
*Clear	SM377G	8980	118.60
*Tranparent Red Oxide	SM331G	8993	170.65
*Transparent Yellow Oxide	SM332G	8994	156.15

*Indicates Lead Free

Spraylat, Additives/Reducers/Primers

Description	Product #	Reece P/N	Price
*Catalyst VOC	SM150V	8981	181.10
*Catalyst Conventional	SM151C	8982	95.00
*Slow Reducer Conventional	SM165C	8990	48.60
*Slow Reducer VOC	SM161V	8984	125.00
*3.5 VOC Reducer	SM195V	9003	81.50
*Universal Retarder Qt.	SM19OV	8991	40.95
*Accelerator Qt.	SM164A	8995	18.40
*"Tape IT" Accelerator Qt.	SM166A	8996	61.40
20/30 Primer	2030P	9221	77.35
*White Primer	SHS-5106	9477	73.90
*Gloss Modifier VOC	SM380V	24587	166.30

*Indicates Lead Free

Spraylat, Star-Brite White II Paint

Star-Brite White II is a unique reflective coating designed specifically for the interior components of aluminum channel letters. It provides exceptional reflectance values when compared to other products on the market.

Star-Brite White will optimize the illumination of channel letters regardless of the light source. Available in gallon size.

Catalog #		Reece P/N	Price
B70-400	Star-Brite II	9702	71.35

Spraylat, Field Master Intermix Metal Paint

Field Master coatings are high quality, yet affordable, easy to use, single stage, isocyanate-free coatings, color matched precisely to your program specifications. Field Master is a 2.8 VOC system that is field ready for brush, roller, or spray applications. Available in gallons.

Color	Product#	Reece P/N	Price
White	FM302	63195	69.65
Violet	FM311	63196	118.30
Maroon	FM312	63198	149.55
Magenta	FM313	63199	145.15
Cherry Red	FM314	63200	173.30
Red Oxide	FM315	63201	69.10
Yellow Oxide	FM317	63202	65.40
Regal Blue	FM320	63203	87.05
Phthalo Green	FM321	63204	90.25
Burnt Umber	FM322	63205	76.85
Black	FM323	63206	68.50
Liberty Blue	FM325	63207	115.95
Cardinal Red	FM330	63208	170.70
Sunflower Yellow	FM340	63209	169.75
Lemon Yellow	FM342	63210	145.25
Poppy Red	FM347	63211	214.35
Brushed Aluminum	FM171	63212	152.40
Reducer	FM169	63213	94.65
Gloss Modifier	FM100	63214	93.35
Red Oxide Primer	FM104	63215	52.80
Light Gray Primer	FM105	63217	48.45

Plastic Paint

Akzo-Nobel, Grip-Flex™ Plastic Sign Paint

Grip-Flex translucent coating has superior resistance to fading and harsh outdoor elements. Because Grip-Flex is suitable for polycarbonate vinyl, flex face, acrylic and ABS, you only need one product for multiple types of plastic substrates. In addition, Grip-Flex's translucent colors are easy to apply, which reduces mottling and allows you to obtain the desired reflected and transmitted color.

FR2 Spray Stock Colors

FR2 Color	Size	Reece P/N	Price
106 Cool White	Gal	8690	86.03
106T Blue White	Gal	8691	86.31
110 High Intensity White	Gal	8692	81.75
157 Soft White	Gal	8693	86.37
200 Clear	Gal	8696	75.15
201 Matte Clear/Base	Gal	8697	81.57
266 Solar Clear	Gal	8702	97.53
325 Golden Yellow	Gal	8711	129.86
326 Lemon Yellow	Gal	8712	134.24
470 Regal Blue	Gal	8718	200.10
535 Unique Red	Gal	8720	204.00
585 Flame Red	Gal	63794	209.94
632 Medium Bronze	Gal	18457	94.64
633 Dark Bronze, 313	Gal	8724	100.13
641 Dark Bronze, 313E	Gal	8725	103.88
700 Erin Green	Gal	8727	223.12
838 Aluminum Metallic	Gal	8728	131.76
900 Black	Gal	8729	76.38
933 Jet Black	Gal	41868	83.31

Akzo Nobel, Grip-Flex Intermix System

Mixing and matching colors by hand is a slow and costly procedure. Often you end up with more paint than you need, or a color you can't use. With the Intermix system, you can mix paint 10 times faster than you can by hand.

FR2 Intermix Base Colors

FR2 Color	Size	Reece P/N	Price
101 White	Gal	8935	175.76
304 Dark Yellow	Gal	8936	177.05
305 Light Yellow	Gal	8937	177.52
306 Yellow Oxide	Liter	8927	61.26
307 Dark Orange	Gal	8940	178.82
308 Orange	Gal	8941	206.87
413 Green Blue	Gal	8942	177.47
415 Bright Blue	Gal	8943	177.63
416 Violet	Liter	8934	61.18
509 Dark Red	Gal	8938	206.76
510 Violet Rouge	Liter	8928	61.29
511 Brilliant Red	Gal	8939	207.02
512 Red Oxide	Liter	8930	61.14
717 Medium Green	Liter	8932	61.26
718 Blue Green	Liter	8933	61.30
902 Black	Liter	8931	60.04

Akzo-Nobel, Grip-Flex Solvents and Additives

For all plastics.

Catalog #	Description			
T2003	**PC and Ecology Spray Thinner** To reduce viscosity of Grip-Flex spray in warm climate.			
		Size	Reece P/N	Price
		Gal	8748	35.74
T2004	**PC & Ecology Spray Thinner** To reduce viscosity of Grip-Flex spray in cold and temperate climates.			
		Size	Reece P/N	Price
		Gal	8749	35.74
T2005	**PC & Ecology Spray Thinner** To reduce viscosity of Grip-Flex spray in very warm or hot climates.			
		Size	Reece P/N	Price
		Gal	9071	35.86
T4000	**Remover for Polycarbonate.** To remove paint from polycarbonate sheet.			
		Size	Reece P/N	Price
		Gal	8752	35.96

For acrylic and buytrate plastics only.

T2001	**Fast Spray Thinner and Cleaner** Faster solvent to reduce viscosity of Grip-Flex spray paint and to clean spray guns, screens, pots and equipment. Use with 10AHK 31050 Metal-Flex Clear for metal.			
		Size	Reece P/N	Price
		Gal	8753	32.13
T2002	**Fast Spray Thinner and Remover** To reduce viscosity of Grip-Flex spray and remove paint from acrylic and butyrate sheets.			
		Size	Reece P/N	Price
		Gal	8755	28.24

Plastic Paint

Spraylat, Lacryl Series 400 Plastic Paint

SPRAYLAT

These plastic paints are to be used on plastic and flexible vinyl materials such as acrylic, polycarbonate, butyrate and vinyl. This paint needs thinning before spraying - comes as a concentrate. Available in gallons.

Lacryl Stock Colors for Plastic Signs - Flexible Vinyl

Color		Reece P/N	Price
406-W*	White (concentrated)	9007	83.95
409-I*	Ivory	9008	83.95
412-Y	Buttercup	9009	83.95
413-Y	Daffodil	9010	84.50
415-Y	Lemon Yellow	9011	84.50
421-OR	Pumpkin	9013	109.10
424-OR*	Sun Orange	9016	214.90
432-R*	Permanent Red	9017	133.05
437-R	Unique Red	9019	128.70
438-R	Dark Red	9020	149.15
439-R	Flame Red	9022	127.20
443-R*	Deep Red	9024	179.25
444-R*	Apple Red	9025	246.60
440-M*	Magenta	9023	152.90
446-R*	Deep Plum	9026	162.45
451-BR*	Light Brown	9028	107.45
453-BR*	Dark Brown	9030	109.25
455-BR*	313 Duranodic	9031	86.80
456-BR*	313E Duranodic	9032	86.80
460-B*	Midnight Blue	9033	125.20
461-B*	Ocean Blue	9034	95.45
462-B*	Carib Blue	9035	96.95
463-B*	Bright Blue	9036	138.60
470-G*	Fir Green	9037	133.95
471-G*	Shamrock Green	9038	13.95
480-BK*	Black (4-color)	8036	90.36
481-BK*	Black Matte	9041	76.05
482-BK*	Black (high-hiding)	9042	8100
490-CL*	Clear Gloss	9043	70.15
491-CL*	Clear Matte	9044	75.45
492-CL*	Clear Gloss (with UV)	9045	81.20
493-CL*	Clear Matte (with UV	44782	82.60
496-MS*	Metallic Silver	9055	121.75
497-MG*	Metallic Gold	9056	132.45
498-SG	Silver Gray (Blockout)	9057	124.05

*Lead Free

Spraylat, Lacryl Series 400 Color Intermix Systems

Simulation of Pantone® Colors, ROHM and HAAS Plexiglas™ colors. All mixed from a formula book using standard Lacryl colors. It's a clean, easy way for you to intermix over 800 colors in your own shop.

Spraylat Thinners for Lacryl Paints

Thinner L-205
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A fast evaporating thinner used under most conditions and ON ALL PLASTICS.

Size	Reece P/N	Price
Gal	9069	39.05
5 Gal	9061	194.00
55 Gal	9070	735.33

Thinner 215-T

A slow evaporating thinner used under hot conditions as a supplement to 205-T. It can be used alone or combined with 205-T to provide a range of evaporation rates. On hot, humid days the 215-T, used in place of 205-T, will minimize blushing. CAN BE USED ON ALL PLASTICS.

Size	Reece P/N	Price
Gal	9065	39.05

Thinner 206-T

The mildest cleaner and remover. FOR ALL PLASTICS. It is recommended especially on formed sign faces where the plastic may be stressed.

Size	Reece P/N	Price
Gal	9062	41.00
55 Gal	64445	2,227.50

Thinner 208-T

The one and only thinner to be used with LACRYL 800 Series of screen process viscosities. CAN BE USED ON ALL PLASTICS.

Size	Reece P/N	Price
Gal	9064	70.00

Thinner 218-R

The retarder used with the 800 series ON ALL PLASTICS to slow the evaporation rate to keep the screen open and promote better paint flow.

Size	Reece P/N	Price
Gal	9058	66.80

Bulletin and Lettering Enamel

Chromatic, Bulletin Colors

Ideal for signs and billboards. Preferred for larger scale signage. Designed for painting the background, the lettering copy and the graphics. Single coat coverage, fast dry and fast cut in.

Bulletin Colors		Size	Reece P/N	Price
021	Black	Gal	9482	42.41
021F	Flat Black	Gal	18544	42.41
101	White	Qt	34689	16.84
101	White	Gal	9486	53.91
101SW	Super White	Gal	9487	58.24
102	Fire Red	Qt	28697	23.54
102	Fire Red	Gal	9488	75.44
104	Bright Red	Qt	44978	23.54
104	Bright Red	Gal	9510	75.44
106	Carmine	Qt	9541	23.01
106	Carmine	Gal	9511	73.74
108	Maroon	Qt	0542	21.37
108	Maroon	Gal	9512	68.67
114	Medium Brown	Qt	18548	16.27
114	Medium Brown	Gal	9513	52.07
116	Ivory	Gal	9514	53.91
124	Medium Orange	Qt	18549	23.54
124	Medium Orange	Gal	9515	75.44
130	Primrose Yellow	Qt	34691	23.01
130	Primrose Yellow	Gal	95.16	73.74
132	Lemon Yellow	Qt	28698	23.01
132	Lemon Yellow	Gal	9519	73.74
134	Chrome Yellow	Qt	28699	23.01
134	Chrome Yellow	Gal	9520	73.74
142	Emerald Green	Qt	9543	21.37
142	Emerald Green	Gal	9521	68.67
144	Medium Green	Qt	9544	19.41
144	Medium Green	Gal	9523	62.04
148	Dark Green	Qt	9545	19.41
148	Dark Green	Gal	9524	62.04
150	Blue Green	Qt	9525	68.67
152	Light Blue	Qt	9546	19.41
152	Light Blue	Gal	9526	62.04
153	Process Blue	Qt	18552	21.37
153	Process Blue	Gal	9527	68.67
156	Brilliant Blue	Qt	41968	21.37
156	Brilliant Blue	Gal	9528	68.67
158	Dark Blue	Qt	34692	16.84
158	Dark Blue	Gal	9529	53.91
162	Purple	Qt	18554	32.71
162	Purple	Gal	9530	104.57

Chromatic, Background Enamels and Primers

Ideal for sign backgrounds where speed of drying is of critical importance. This high gloss enamel is designed for production environments where same-day recoat is desired. Available in White and Black - one gallon size and five gallon pail (white only).

Chromatic, Fast Dry Block Out White
This is a fast drying, high opacity coating that is used to "block out" previous painted sign faces and cover uneven colors of substrates. It is also used to prime new MDO surfaces and sand easily. Because of its exceptionally fast dry time, this product is most often used in production environments.

Size	Reece P/N	Price
Gal	9534	47.37

Chromatic, Metal & Wood Primer White
Made expressly for tempered hardboard, providing excellent adhesion and durability, while retaining the smooth finish surface appearance of the hardboard sheet.

Size	Reece P/N	Price
Gal	9536	47.37

Chromatic, #1080 Universal White Primer
These primers meet most sign and industrial needs. This quick drying product exhibits excellent adhesion to a variety of steel surfaces. A unique primer, this product may be topcoated with almost any paint system, including Bulletin and Lettering enamels, background enamels, lacquer, acrylic enamels, synthetic enamels and two component polyurethanes.

Size	Reece P/N	Price
Gal	9556	60.57
5 Gal	9557	283.34

Special Mix Paint Colors

Reece Supply offers custom color paint mixing service in the following lines of paint:

Grip-Flex	Spraylat Series 400
Grip-Gard Plus	Spraylat Series 20
Matthews Gloss VOC	Spraylat Mark I Gloss & Satin
Matthews Satin VOC	

Please contact your sales representative for more information.

Bulletin and Lettering Enamel

Ronan, Outdoor Bulletin Colors

Ronan's Outdoor Bulletin Colors provide the "ultimate" in a high gloss quick drying, quality enamel. They dry to a tough, weather resistant, porcelain-like finish, which is free from brush marks, laps and imperfections. These colors are formulated for use on outdoor advertising bulletin boards, metal highway signs, all types of wood and masonlite board, metal structures, etc. The recommended solvent for Ronan Bulletin Colors is mineral spirits.

Bulletin Colors		Size	Reece P/N	Price
B021	Black	Qt	9457	14.11
B021	Black	Gal	9393	44.18
BF021	Flat Black	Gal	9411	44.18
B101	White	Qt	9458	16.06
B101	White	Gal	9413	50.18
BF101	Flat White	Gal	9414	50.18
B1102*	Scarlet Red	Qt		
B1102*	Scarlet Red	Gal		
B1104*	Cherry Red	Qt		
B1104*	Cherry Red	Gal		
B105	Imitation Silver	Gal	9417	63.76
B106	Carmine	Gal	9418	66.76
B107	Imitation Gold	Qt	9462	17.63
B107	Imitation Gold	Gal	9419	55.06
B108	Maroon	Gal	9420	64.43
B114	Medium Brown	Qt	18537	14.41
B114	Medium Brown	Gal	9424	44.93
B115	Dark Brown	Gal	9425	44.93
B116	Ivory	Gal	9427	44.68
B125*	Bright Orange	Gal		
B129	Process Yellow	Gal	28680	74.93
B131*	Light Yellow	Qt		
B131*	Light Yellow	Gal		
B133*	Medium Yellow	Gal	48769	74.93
B135*	Golden Yellow	Qt		
B135*	Golden Yellow	Gal		
B140	Light Green	Qt	28689	16.88
B140	Light Green	Gal	9432	52.73
B142	Emerald Green	Gal	9433	52.73
B144	Medium Green	Gal	9435	52.73
B148	Dark Green	Qt	9465	16.88
B148	Dark Green	Gal	9437	52.73
B150	Blue Green	Gal	9438	52.73
B152	Light Blue	Qt	9466	16.28
B152	Light Blue	Gal	9439	50.93
B154	Process Blue	Gal	9440	56.18
B155	Reflex Blue	Gal	9441	62.93
B156	Brilliant Blue	Qt	9468	20.11
B156	Brilliant Blue	Gal	9442	62.93
B158	Dark Blue	Qt	18540	14.78
B158	Dark Blue	Gal	9443	46.13
B162	Purple	Gal	9444	90.68
B165	Rubine Red	Gal	9445	131.26
B166	Magenta	Gal	9446	74.93
B180	Light Gray	Gal	9447	47.18

* Lead Free

Ronan, Background Enamels and Primers

Ronan, Quick Dry Background Enamel
This is a high gloss, durable enamel specially formulated for background work, where a quick drying finish is required. Its speed of dry lends itself to spray application for production use. May also be brushed or rolled.

Size	Reece P/N	Price
Gal	9471	49.43
5 Gal	24639	245.26

Ronan, Fast Dry Blockout White
Made with patented process to give excellent one-coat coverage to obscure lettering on old signs. Its fast drying saves time and labor.

Size	Reece P/N	Price
Gal	9448	44.18
5 Gal	24638	219.01

Ronan, Stick Tite Metal Primer
A solid covering primer for wood or metal signs with extremely good adhesion qualities even on galvanized surfaces. An excellent base coat for Bulletin Colors. Available in White gallons only.

Size	Reece P/N	Price
Gal	9450	47.93

Ronan, Rustite Zinc Chromate Free Primer
Ideal for priming all metal surfaces both interior and exterior. Available in Zinc Chromate Yellow only and in gallons..

Size	Reece P/N	Price
Gal	9454	62.33

Ronan, Sign Finishing Clear
A high grade synthetic clear with excellent flowing and drying properties gives any surface a plastic hard finish. Recommended where durability is important. May be brushed or sprayed.

Size	Reece P/N	Price
Gal	9452	44.18

Bulletin and Lettering Enamel

"1 Shot"®, Lettering Enamels

These are superior quality, high gloss enamels with exceptional opacity and durability, smooth flow and excellent resistance to sagging. Exterior use on metal, glass, wood, masonite and enamel receptive vinyl materials.

	Colors	Size	Reece P/N	Price
101-L	White	Pt	9577	18.75
101-L	White	Qt	9611	33.45
102-L	Fire Red	Pt	9578	19.15
102-L	Fire Red	Qt	9612	50.55
104-L	Bright Red	Pt	9580	27.15
104-L	Bright Red	Qt	9613	48.70
108-L	Maroon	Pt	9581	26.60
108-L	Maroon	Qt	9614	47.55
109-L	Metallic Gold	Pt	9582	43.00
109-L	Metallic Gold	Qt	9615	83.05
110-L	Metallic Copper	Pt	33285	43.00
110-L	Metallic Copper	Qt	9616	83.05
111-L	Metallic Brass	Pt	33286	43.00
111-L	Metallic Brass	Qt	9617	83.05
114-L	Medium Brown	Pt	9583	18.75
114-L	Medium Brown	Qt	18563	33.45
115-L	Dark Brown	Qt	9618	33.45
116-L	Ivory	Pt	9584	18.75
116-L	Ivory	Qt	9619	33.45
117-L	Tan	Pt	9585	18.75
117-L	Tan	Qt	9620	33.45
120-L	Coral	Qt	33290	41.85
124-L	Orange	Pt	9587	24.00
124-L	Orange	Qt	9621	43.40
130-L	Primrose Yellow	Qt	9622	41.85
132-L	Lemon Yellow	Pt	9589	23.20
132-L	Lemon Yellow	Qt	9623	41.85
134-L	Chrome Yellow	Pt	9590	23.20
134-L	Chrome Yellow	Qt	9624	41.85
142-L	Emerald Green	Pt	9591	20.45
142-L	Emerald Green	Qt	9625	36.35
143-L	Process Green	Qt	24643	37.40
144-L	Medium Green	Pt	9592	20.45
144-L	Medium Green	Qt	9626	36.35
148-L	Dark Green	Pt	9593	20.45
148-L	Dark Green	Qt	9627	36.35
149-L	Aqua	Qt	28704	33.45
150-L	Blue Green	Pt	9594	18.75
150-L	Blue Green	Qt	9628	33.45
151-L	Robin Egg Blue	Qt	9629	37.40
152-L	Light Blue	Pt	9595	18.75
152-L	Light Blue	Qt	9630	33.45
153-L	Process Blue	Pt	9596	26.60
153-L	Process Blue	Qt	9631	47.55
154-L	Peacock Blue	Pt	9597	20.80
154-L	Peacock Blue	Qt	24644	37.40
155-L	Reflex Blue	Pt	9599	26.60
155-L	Reflex Blue	Qt	9632	47.55
156-L	Brilliant Blue	Pt	9600	20.80
156-L	Brilliant Blue	Qt	9634	37.40
158-L	Dark Blue	Pt	9601	18.75
158-L	Dark Blue	Qt	9635	33.45

"1 Shot"®, Lettering Enamels

	Colors	Size	Reece P/N	Price
160-L	Violet	Pt	9602	18.75
160-L	Violet	Qt	33291	33.45
162-L	Purple	Pt	9603	31.85
162-L	Purple	Qt	9636	57.80
163-L	Magenta	Pt	9604	31.85
163-L	Magenta	Qt	9637	57.80
164-L	Dark Magenta	Qt	9638	57.80
165-L	Rubine Red	Qt	9639	57.80
168-L	Salmon Pink	Qt	9640	48.70
191-L	Imitation Gold	Pt	9606	20.45
191-L	Imitation Gold	Qt	9641	36.35
193-L	Imitation Silver	Pt	9607	20.80
193-L	Imitation Silver	Qt	9642	37.40
195-L	Medium Gray	Pt	9608	18.75
195-L	Medium Gray	Qt	9643	33.45
199-L	Black	Pt	9609	19.55
199-L	Black	Qt	9644	34.85

XIM Primers

XIM, 100 Clear Flash Bond Primer/Sealer/Bonder
X-I-M Flash Bond #100 is a fast-drying premium quality primer/sealer/bonder that helps solve the problems of popping, blistering, peeling and rusting when used as a seal coat for most paints. Flash Bond 100 helps provide maximum adhesion even on the smoothest surface. Available in one gallon container.

Size	Reece P/N	Price
Gal	9699	66.59

XIM, 400W White Bonder and Primer/Sealer
XIM 400W is a fast drying solvent based Bonder as well as Primer/Sealer developed to solve many painting problems. Provides excellent sealing and adhesion to many hard-to-coat surfaces. Available in one gallon container.

Size	Reece P/N	Price
Gal	9698	59.97

Bulletin and Lettering Enamel

Spray Mask and Special Coatings

Spraylat, Sign Strip II
Sign Strip II is a spray-on, strip-off, plastic coating for masking irregular surfaces for decorating operations. It works well over painted surfaces, bare aluminum and steel, vinyl, etc. The main advantage of a spray-on, liquid plastic coating over masking paper or tape is its ability to conform exactly to any configuration, with no folds, voids or creases that could permit paint leaks. Sign Strip cuts easily with sharp cut lines with no edge lifting, thus no paint bleeds under cut lines.

Size	Reece P/N	Price
Gal	3960	44.34
5 Gal	3961	178.85
53 Gal	3963	1,703.58

Spraylat, Booth Strip
Spraylat, Booth Strip is a water-base strippable plastic film for spray booths that can be applied using standard spray equipment. It air dries to form a tough pigmented white plastic film. It has been designed to be applied to spray booth walls to collect paint overspray. The adhesion of the Booth Strip film to both bare metal and painted surfaces is such that it will not sag or fall from either the side walls or ceiling, but is still easily stripped during regular maintenance cleanup.

Size	Reece P/N	Price
5 Gal	3959	152.73

Special Mix Paint Colors

Reece Supply offers custom color paint mixing service in the following lines of paint:

Grip-Flex	**Spraylat Series 400**
Grip-Gard Plus	**Spraylat Series 20**
Matthews Gloss VOC	**Spraylat Mark I Gloss & Satin**
Matthews Satin VOC	

Please contact your sales representative for more information.

Spray Mask and Special Coatings

Tufbak, Masking Paper
This a treated white paper coated with a pressure sensitive adhesive. It is protected with an impregnated crepe paper and is used to cut stencils and as a spray paint mask. It works as an adherent on irregular surfaces such as rivets and corrugations. It prevents "bleed through". Pounce marks, pencils lines and colors are readily seen. Adhesive can be left on for a day or two and still be easily removed.

Size	Reece P/N	Price
48"x50yd	3965	370.50

Triarch CT-100, Medium
A decorative, protective texture coating for all masonry, properly prepared wood, and primed metal surfaces both interior and exterior. Provides a flexible, weather proof, breather type coating. Available in three aggregate sizes: fine, medium and course. Sold in 5 gallon pails.

Size	Reece P/N	Price
5 Gal	9805	95.00

Aluminum Sheets

Wrisco, Aluminum Sign Blanks

Wrisco Industries Inc. can benefit your sign blank needs with their new computerized blanking cut-to-length line. This state of the art line provides you with the high quality sign blanks and a quick turn-around on customs orders. Wrisco's blanking line offers: precision blanks of excellent quality; gauges - .024, .032, .040, .050, .063 and .080; ready to ship white stock blanks; custom size blanking available; all colors available in blanks with or without masking.

Size	Thickness	Color	Reece P/N	Price
12x18	.040	White/White	4782	2.74
18x24	.040	White/White	4785	5.42
24x36	.040	White/White	4789	10.96
48x96	.040	White/White	4851	54.16
48x120	.040	White/White	4906	67.70
48x120	.050	White/White	5327	71.48
48x120	.063	White/White	5329	87.65
48x120	.080	White/White	4975	110.28

Sign Blank Holes and Corners
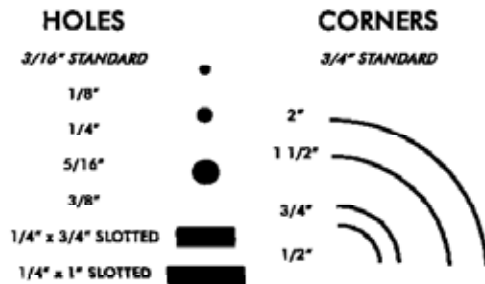
Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Wrisco, Channel Letter Coil

Painted, mill or anodized, Wrisco can slit and recoil any color or finish in gauges .032, .040, .050 and .063. All channel letter coil is PVC masked; can save money, use exactly what is needed, already slit perfectly to width.

Standard Channel Letter Coil Sizes and Colors

Standard Stock Sizes	Standard Stock Colors	
.040 x 5.3" x 270' or 540'	White	Black Gloss
.040 x 4.3" x 270'	Bronze	Black Matte
.032 x 5.3" x 270'	Mill Finish	Blue
.032 x 4.3" x 270'	Red	

Custom widths and lengths are available. All colors are available.

Sheet Materials

Wrisco Industries Inc.

PREPAINTED ALUMINUM	Black Gloss .024/.032/.040/.050/.063
	Black Matte .032/.040/.050/.063
	Bronze .024/.032/.040/.050/.063
	Bronze/Medium Bronze .040
	Brown .040
	Burgundy .040
	Caution Yellow .040
	Chevron Blue .040
	Construction Orange .040
		Extreme Green .040
		Exxon Red .040
		Heron Blue .040
		Ivory .040
		Ivy Green .040
		Light Gray .040
		Matte White .024/.032/.040/.050/.063
		Mocha Tan .040
		Pepsi Blue .040
			Purple .040
			Red .040/.050
			Shell Gray .040
			Super Bright White
			     .024/.032/.040/.050/.063/.080
			Yellow .024/.032/.040
			White .020/.024/.032/.040
			     .050/.063/.080

PREPAINTED GAS STATION CANOPY COLORS	BP Green .050/.063 BP Pearl .063 Chevron Blue .050 Chevron White .050 Citgo White .050/.063 Conoco Khaki .050	Exxon Red .050/.063 Exxon Sandstone .063 Fina White .040/.050/.063 Hess White .040/.050/.063 Light Gray .040/.050/.063 Mobil White .040/.050/.063	Phillips 66 Bronze .040/.050/.063 Shell Gray .040 Shell Yellow .063 Sunoco Blue .063 Texaco Black .040/.050/.063 Texaco Red .050/.063
ANODIZED	Black .040 Bright Clear .030/.040 Bright Brushed Clear .032/.040 Bright Gold .030/.040	Bright Brushed Gold .032/.040 Clear Satin .032/.040/.050/.063 .080/.125 Dark Bronze .032/.040/.050/.063	Light Bronze .040 Gold Satin .040 LA Extra Dark Bronze .040

FLUROPON (70% KYNAR 500)		MILL FINISH	TREAD BRITE
Black .040/.050 Bone White .040/.063 Bronze .040/.050	Dove Gray .050/.063 Extra Dark Bronze .040 Hartford Green .040	.024/.032/.040/.050 .063/.080/.090/.125	.025/.063/.080/.100/.125 .028 Painted Colors

Prefinished Aluminum Color Chart

NOTE: Colors shown are representative of Wrisco's prefinished aluminum colors, but not necessarily exact matches.
Colors and availability subject to change without notice.

Super Bright White — Matte White — White
Citgo White — Chevron White — Ivory — Exxon Sandstone — Mocha Tan — Conoco Khaki
Yellow — Shell Yellow — Caution Yellow — Exxon Red — Texaco Red — Red
Construction Orange — Burgundy — Purple — Pepsi Blue — Chevron Blue — Sunoco Blue
Heron Blue — Extreme Green — BP Green — Ivy Green — Light Gray — Shell Gray
Medium Bronze — Bronze — Brown — Black Matte — Black Gloss — Bone White Fluropon
Bronze Fluropon — Black Fluropon — Dark Bronze Anodized — LA ExtraDark Bronze Anodized — Black Anodized — Clear Satin
Mill Finish — Bright Gold — Bright Brushed Gold — Gold Satin — Bright Clear — Bright Brushed Clear

Aluminum Extrusions

Excellart Sign Products, L.L.C.

Commercial Frame Systems – Configurations

For Rigid Plastic Faces - Sliding

EC-6 Frame System

EC-6R Frame System
6 1/2"
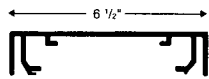
EC-6 Frame w/LF & FF Retainers
7 3/4"
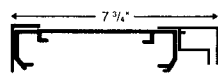
EC-6 Frame w/FF Retainers
9"
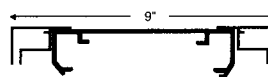
EC-9 Frame System

EC-9R Frame System
8 3/4"
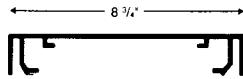
EC-9 Frame w/FF Retainers
11 1/4"
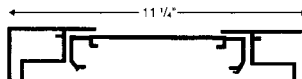
EC-9 Frame w/FF-2 Retainers
12"
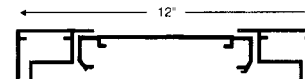
EC-S/F Standard Frame System

EC-S/F w/LF Retainers
7 3/4"
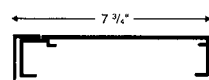
EC-S/F w/FF Retainers
9"
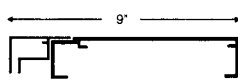
EC-S/F w/FF-2 Retainers
9 5/8"
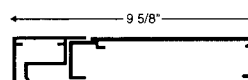
EC Standard Frames with F Retainer

EC-S/F STD w/F Retainer
8"
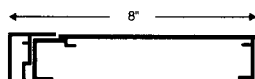
EC-D/F STD w/F Retainer
10 7/16"
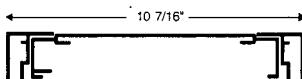
EC-12 STD w/F Retainer
13 1/4"
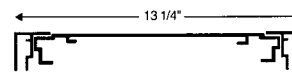
EC-D/F Standard Frame System

EC-D/F STD w/LF Retainer
10"
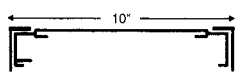
EC-D/F STD w/FF Retainer
12 1/2"
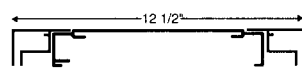
EC-D/F STD w/FF-2 Retainer
13"
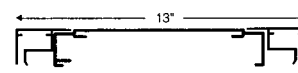
EC-12 Standard Frame System

EC-12 Std w/ LF Retainers
12 13/16"
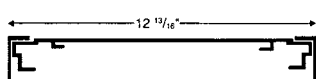
EC-12 Std w/ FF Retainers
15 5/16"
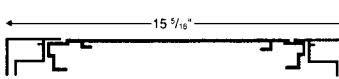
EC-12 Std w/FF-2 Retainers
16"
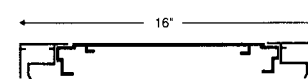
For Rigid Plastic Faces - Hinging

EC-S/F Hinged Frame System

EC-S/F w/FF Retainers
9"
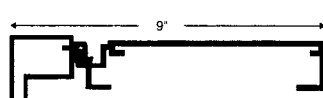
EC-S/F w/FF-2 Retainers
9 1/4"
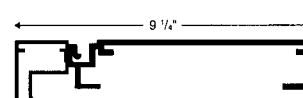
EC-D/F Hinged Frame System

EC-D/F w/FF Retainers
12 1/2"
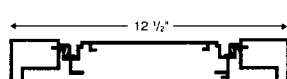
EC-D/F w/FF-2 Retainers
13"

Aluminum Extrusions

ESP — Excellart Sign Products, L.L.C.

Commercial Frame Systems – Configurations

For Rigid Plastic - Hinging, cont.

EC-12 Hinged Frame System

EC-12 Hinged Frame w/FF Retainers — 15 3/8"

EC-12 Hinged Frame w/FF-2 Retainers — 16"

EC12 Hinged Frame w/Xtra Wide Retainers — 17 3/4"
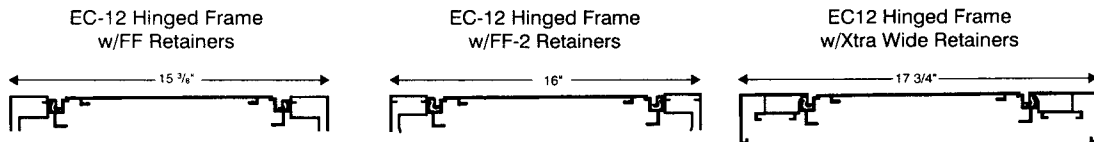
EC-Hinged Frames with F Retainer

EC/SF Hinged Frame w/F Retainer — 8"

EC/DF Hinged Frame w/F Retainers — 10 7/16"

EC-12 Hinged Frame w/F Retainers — 13 1/4"
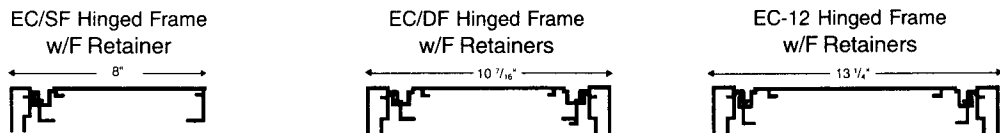
For Flexible Fabric Faces

EC-S/F Hinged Frame System — 11"

EC-D/F Hinged Frame System — 17"
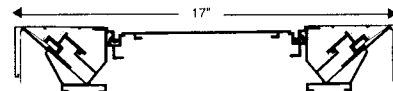
EC-12 Hinged Frame System — 20"
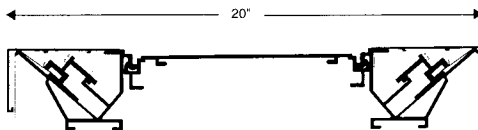
For Retro Fitting Flex Face Cabinets

EC-Retro Fit Frame System Applications:
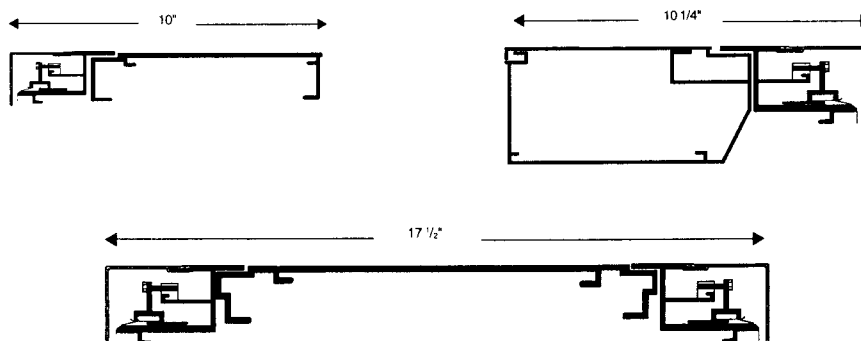
10" 10 1/4"

17 1/2"

Aluminum Extrusions

ESP — **Commercial Frame Systems – Configurations** ®U

Excellart Sign Products, L.L.C.

Specialty Sign Applications

Changeable Copy Signs for Schools and Churches

EC-S/F Hinged Frame
"w/H-1 & FF-2 Retainers"

9 1/4"
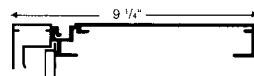
EC-D/F Hinged Frame
"w/ H-1 or H-1.5 & FF-2 Retainers"

13"
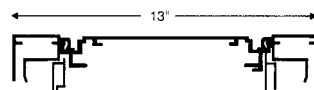
EC-12 Hinged Frame
"w/ H-1 or H-1.5 & FF-2 Retainers"

16"
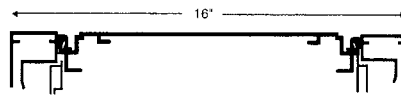
Pylon Signs for Oil Company Signs - IDS Frame System

8"

1 5/8"   15/16"   1 1/8"   1 5/8"
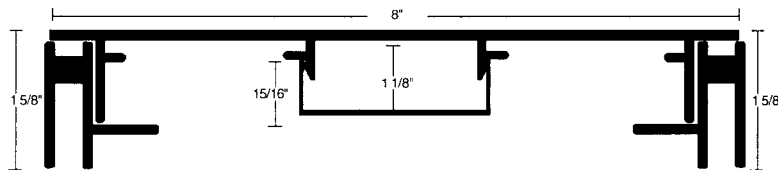
EC-IDS Frame System

EC-S/F Access Frame System for Rigid & Flex Face Signage

9 3/8"

10 1/4"

Aluminum Extrusions

ESP — Excellart Sign Products, L.L.C.

Frames

EC-6R System

EC-6R
5/16"
1 1/2"
6 1/2"

EC-6
1 3/8"
1/8"
5 5/8"
13/16"

EC-9R System

EC-9R
5/16"
1 1/2"
8 3/4"

EC-9
1 3/8"
1/8"
7 7/8"
13/16"
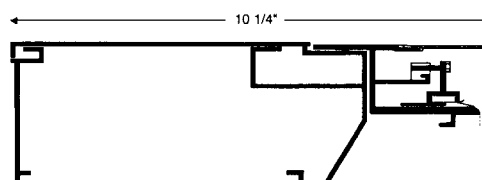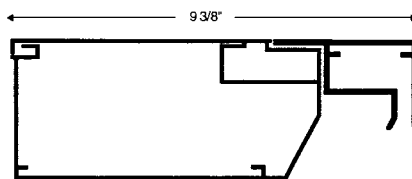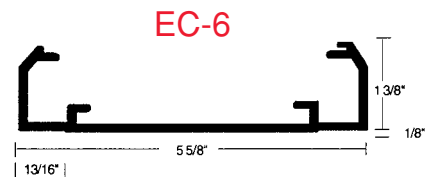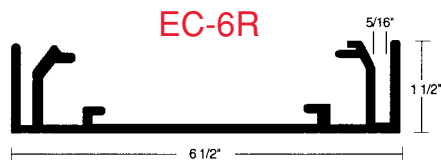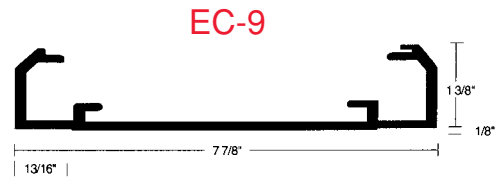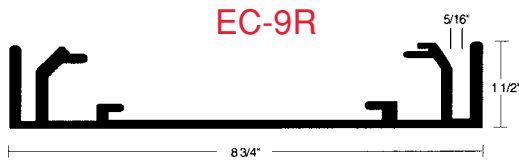
EC Standard & Hinged Systems

EC-S/F Standard Frame
7 1/4"
1 1/2"
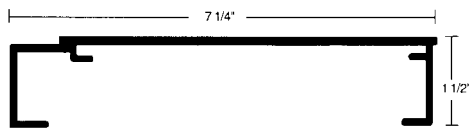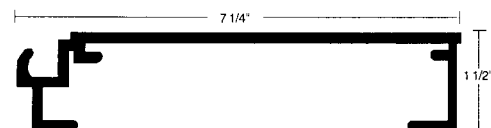
EC-S/F Hinged Frame
7 1/4"
1 1/2"

EC-D/F Standard Frame
9 1/8"
1/8"
1 3/8"
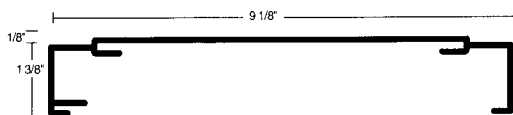
EC-D/F Hinged Frame
9"
1 1/2"

EC-12 Standard Frame
12"
1 5/8"
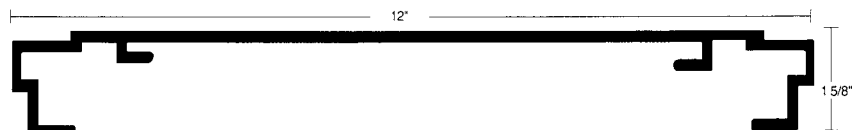
EC-12 Hinged Frame
12"
1 5/8"
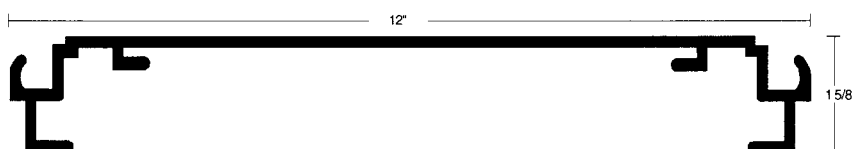
Aluminum Extrusions

Retainers

Excellart Sign Products, L.L.C.

F Retainer
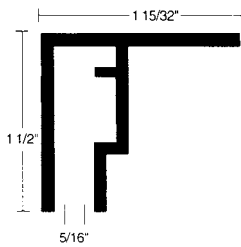
F Hinged Retainer
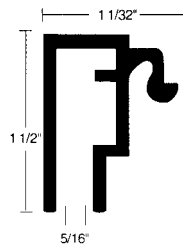
FF Retainer Short
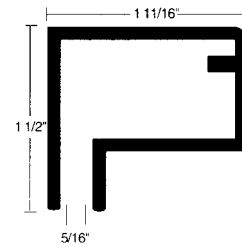
FF Flat Face Retainer
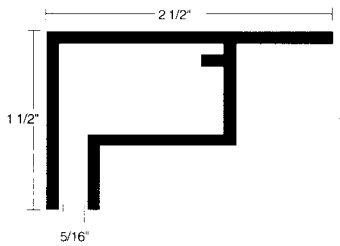
FF Hinged Retainer
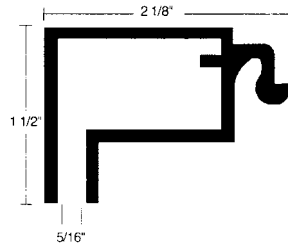
FF-2 Standard Retainer
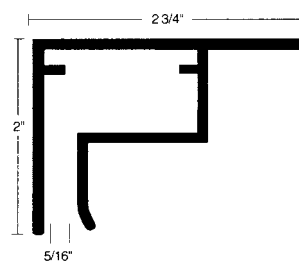
FF-2 Hinged Retainer
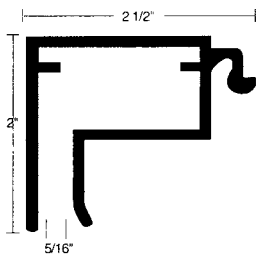
EC-Xtra Wide Retainer
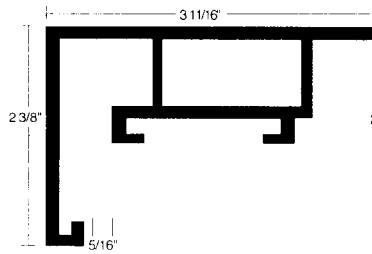
EC-Xtra Hinged Retainer
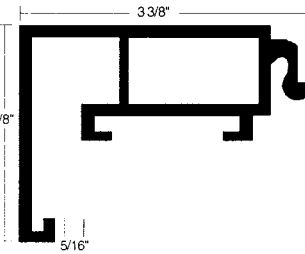
LF Retainer
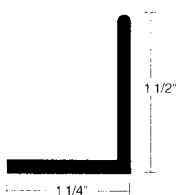
LF-2 Retainer
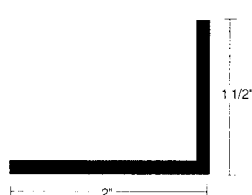
H-1 Retainer
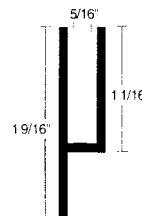
H-1.5 Retainer
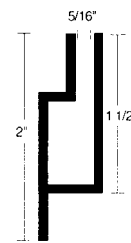
Aluminum Extrusions

Extrusions

Excellart Sign Products, L.L.C.

EC 4, 7, 8 & Narrowline Systems

EC-4RN

3 7/8"
1"
1 1/16"

EC-4N

3 3/8"
1 1/16"

EC-4R

4 13/32"
1"
1 1/16"

EC-4

3 13/16"
1 1/16"

EC-7R

6 13/16"
1"
1 1/16"

EC-7

6 3/16"
1 1/16"

EC-8R

8"
1"

EC-8

7 1/8"
1"
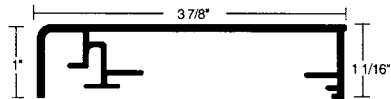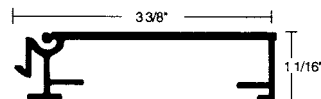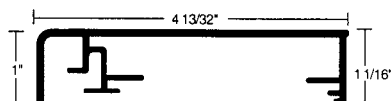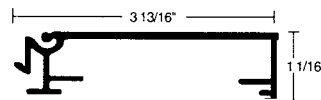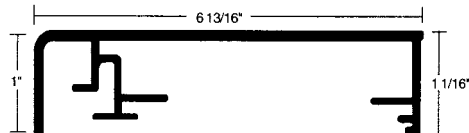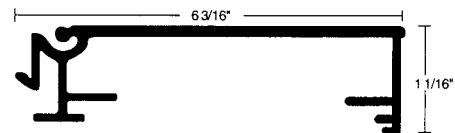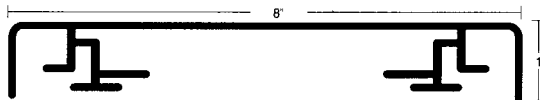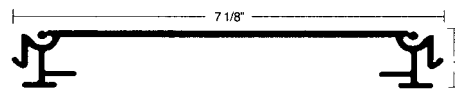
EC-4, 7, 8 & Narrowline Retainer

1 3/32"
1"
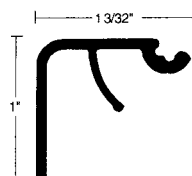
1" Radius Corner Connector & Cap
(For Narrowline System Only)

1"

Aluminum Extrusions
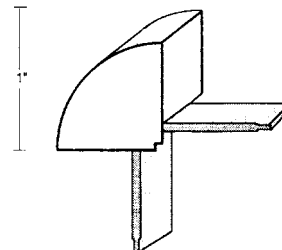
Extrusions
Excellart Sign Products, L.L.C.

Excellart Frames & Retainers

M-C Frame
1"
4 1/8"
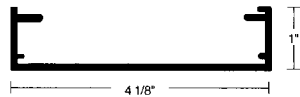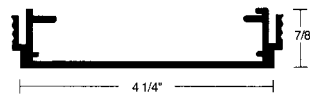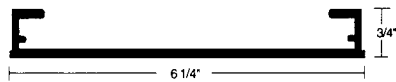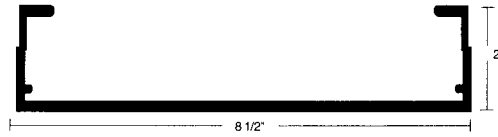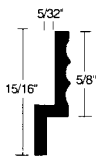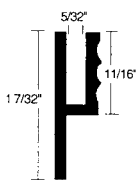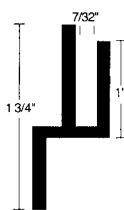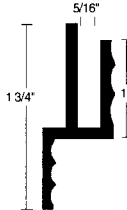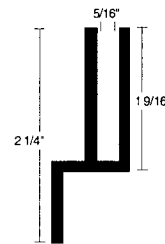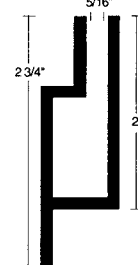
MC-R Frame
7/8"
4 1/4"

C Frame
3/4"
6 1/4"

C-2 Frame
2"
8 1/2"

M-C
Alternate
5/32"
15/16"
5/8"

M-C
5/32"
11/16"
1 7/32"

ZF.188
7/32"
1 3/4"
1"

ZF.250
5/16"
1 3/4"
1"

ZF-1 1/2
5/16"
2 1/4"
1 9/16"

ZF-2
5/16"
2 3/4"
2"

Divider Bars

1 1/2"
5/16"
1 1/2"

2 1/2"
5/16"
2 1/2"

H Bar
3/16"
1 3/8"

Changeable Copy
1 1/2"   3 1/8"
2"

Aluminum Extrusions

ESP Flex Face System

Excellart Sign Products, L.L.C.
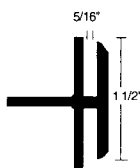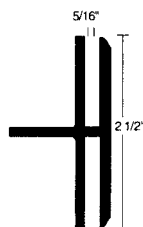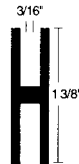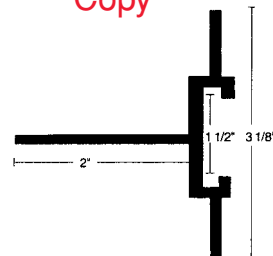
Excellart Frames & Retainers

Standard Frame with Standard Cover

13/16"　　4"

2 3/4"

– Standard Trim Cover

2"

Hinged Frame with Standard Cover

4"

2"

– Standard Trim Cover

2 3/4"

EC-Flex Retro Fit System

3 5/16"
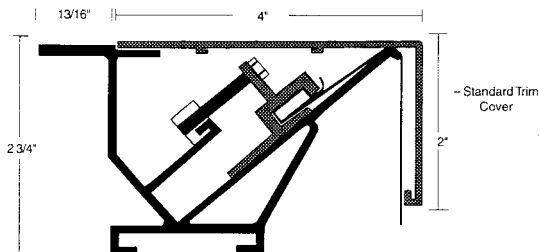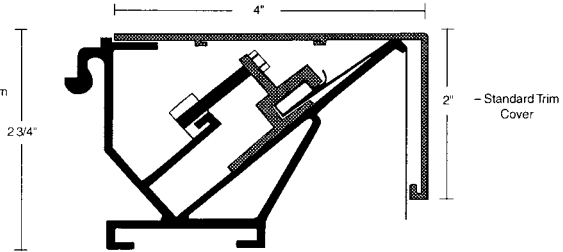
2" – Standard Trim Cover
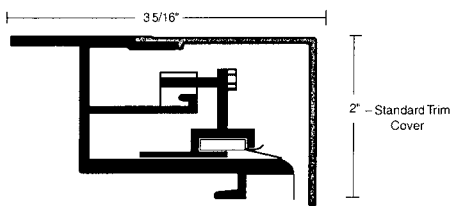
Standard Frame with Bleed Cover

13/16"　　3 3/4"

– Bleed Trim Cover

Standard Frame–

2 3/4"

EC-S/F Access System

COVER PLATE

5 7/16"　　13/16"

5 1/16"

3 1/4"

EC-S/F ACCESS FRAME

7 5/16"
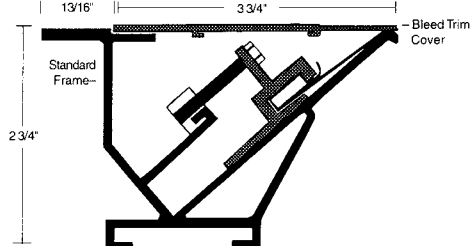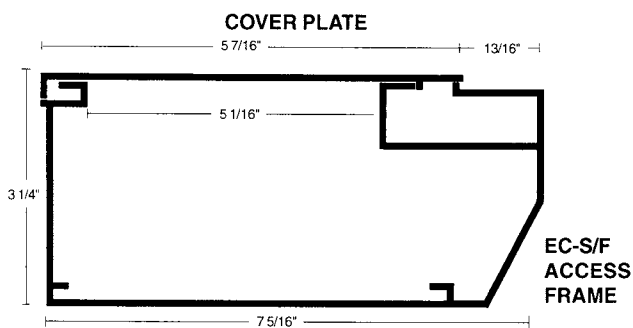
Standard Trim Cover
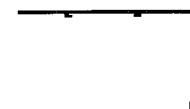
Bleed Trim Cover

EC-Flex Clip
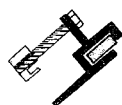
Flex Frame Brace

Aluminum Extrusions

ESP Extrusions
Excellart Sign Products, L.L.C.

EC-Expanda Frame
Frame Connectors (Not Included)

2 1/2" 1 1/2" FF 5/16"

4 1/4" 1 1/2" EC-Expanda EC-Expanda

2 1/2" 1 1/2" FF 1 1/2" 5/16"

Architectural Extrusions

EC-3.25 Radius Post
1 3/4" 3 1/4"

EC-3.25 Rectangular Post
1 3/4" 3 1/4"

8" Radius Quarter End
8" Radius 3/4" 3"

EC-Reveal Connector
1 1/2"

EC-3.25 Bleed Frame
1 1/4" 3 1/4"

EC-IDS Frame System

EC-IDS Frame
8" 1 5/8" 15/16" 1 1/8" 1 5/8"

EC-IDS Raceway **EC-IDS Retainer**

EC-IDS 12"
12" 1"
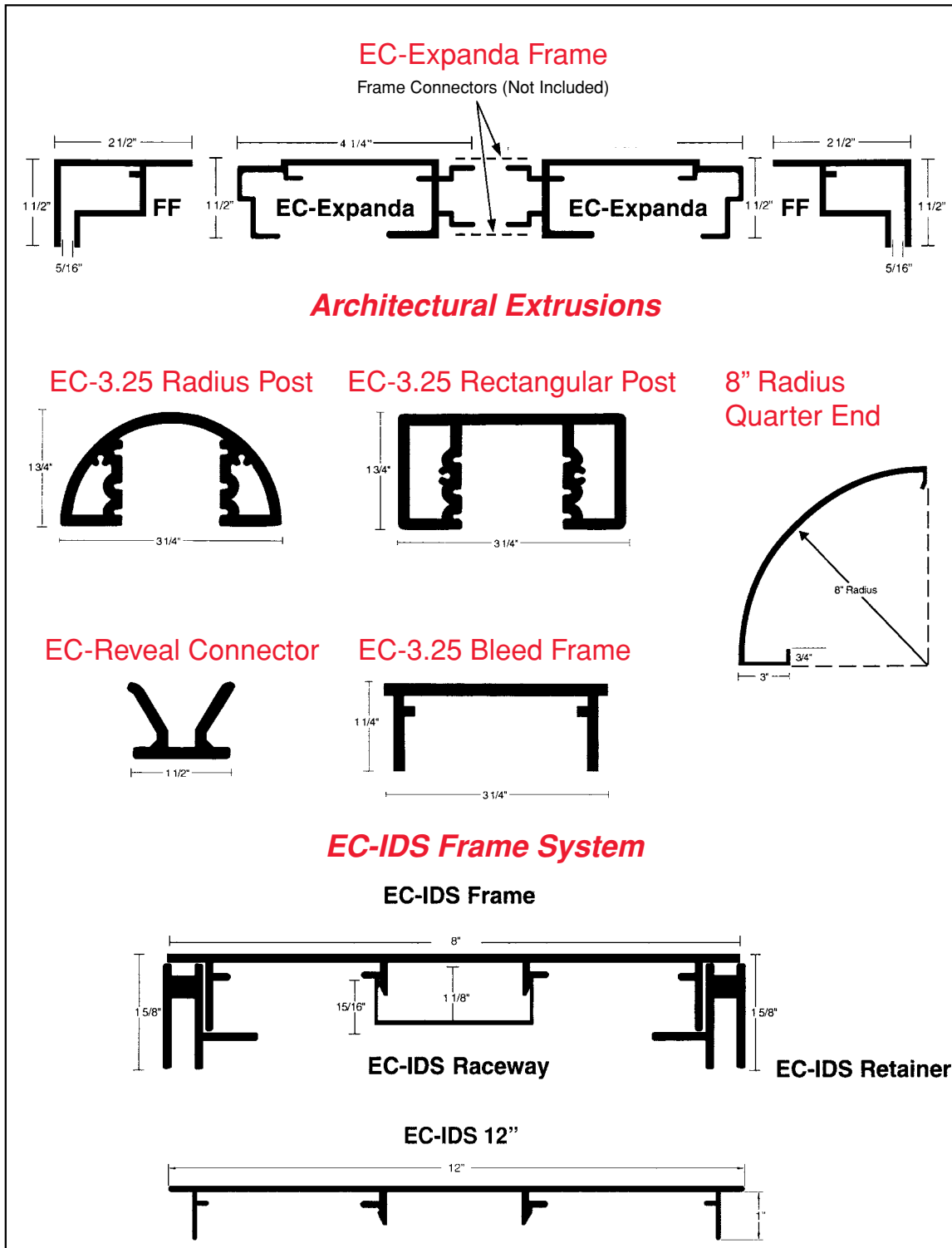
Aluminum Extrusions

Raceways

ESP
Excellart Sign Products, L.L.C.

EC-Lamp/Ballast Track

1 3/8"
4 7/8"
3/8"

EC-Socket Raceway

1.250
2.375

EC-Lamp Raceway

EC-RACEWAY COVER
2 3/4"
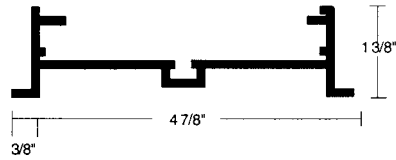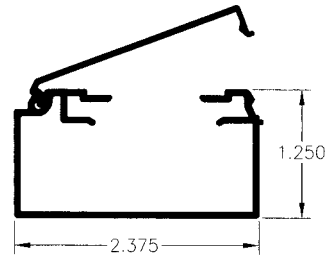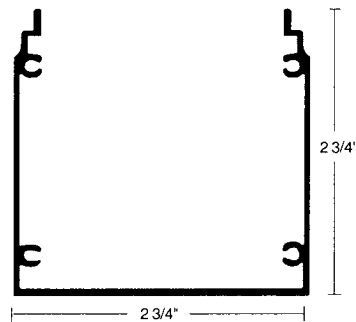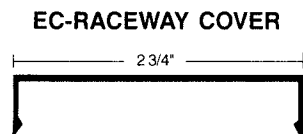
2 3/4"
2 3/4"
EC-LAMP RACEWAY

EC-Channel Letter Raceway

3-Piece
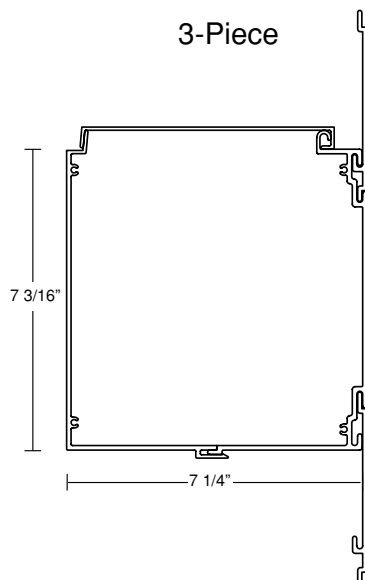
7 3/16"
7 1/4"

2-Piece

6 1/4"
7 3/8"
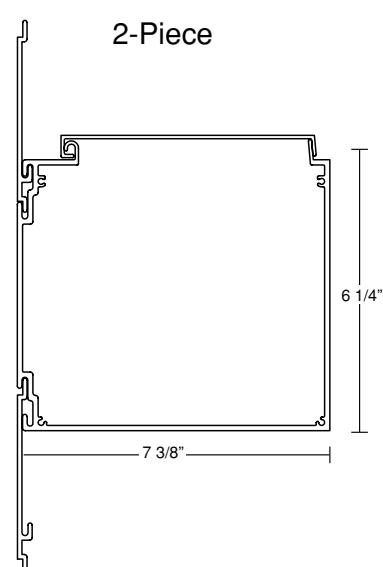
Aluminum Extrusions
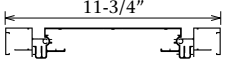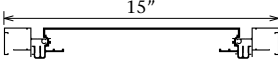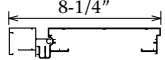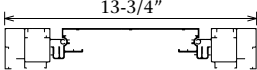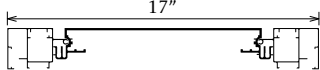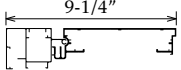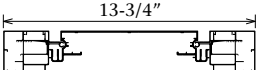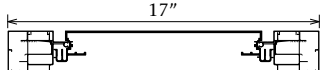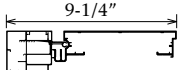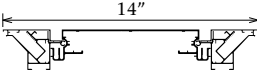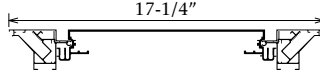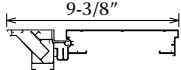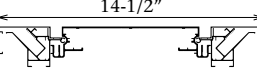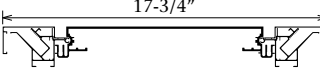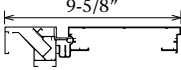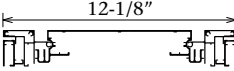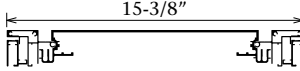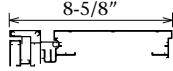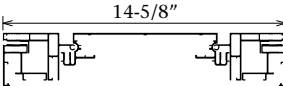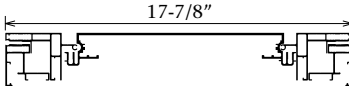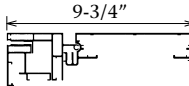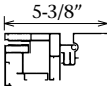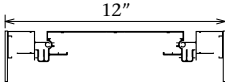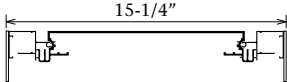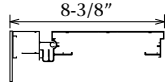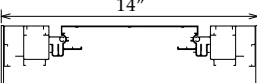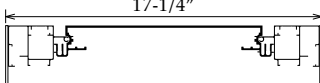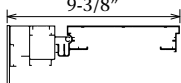
Aluminum Extrusions

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Sign Products - Commercial

Commercial System Specifications

	Medium Body	Wide Body	Single Face Body	Retro Body

For Rigid Plastic Faces

1-1/2" Retainer — 11-3/4″ | 15″ | 8-1/4″ | 3-7/8″

2-1/4" Retainer — 13-3/4″ | 17″ | 9-1/4″ | 4-7/8″

For Rigid Plastic Faces or Flexible Fabric Faces

Dual Frame with 2-1/4" Dual Frame Cover — 13-3/4″ | 17″ | 9-1/4″ | 4-7/8″

For Flexible Fabric Faces

Tension Frame with Bleed Tension Frame Cover — 14″ | 17-1/4″ | 9-3/8″ | 4-15/16″

Tension Frame with 1-1/2" Tension Frame Cover — 14-1/2″ | 17-3/4″ | 9-5/8″ | 5-3/16″

For Vandal Covers

2Part Outer Frame Retainer with Inner Frame Retainer — 12-1/8″ | 15-3/8″ | 8-5/8″ | 4-1/8″

2Part Lg Outer Frame Retainer with Lg Inner Frame Retainer — 14-5/8″ | 17-7/8″ | 9-3/4″ | 5-3/8″

For Flush 1/8" Aluminum Faces

1-1/2" Retainer — 12″ | 15-1/4″ | 8-3/8″ | 3-15/16″

2-1/4" Retainer — 14″ | 17-1/4″ | 9-3/8″ | 4-15/16″

Aluminum Extrusions

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Sign Products - Commercial

Sign Cabinet Bodies

Part	Part Number	Length
Wide Body	2005	24'-6"
Medium Body	2015	24'-6"
Single Face Body	2025	24'-6"
Retro Body	2040	24'-6"

Hingeable Retainers

For Rigid Plastic Faces

Part	Part Number	Length
1-1/2" Retainer	2055	24'-6"
2-1/4" Retainer	2045	24'-6"

For Rigid Plastic or Flexible Fabric Faces

Part	Part Number	Length
Dual Frame	2065	24'-6"
2-1/4" Dual Frame Cover	2075	24'-6"

For Flexible Fabric Faces

Part	Part Number	Length
Tension Frame	2085	24'-6"
Bleed Tension Frame Cover	2095	24'-6"
1-1/2" Tension Frame Cover	2084	24'-6"

Divider Bars

For Rigid Plastic Faces

Part	Part Number	Length
2" Divider	2138	24'-0"
2-3/4" Divider	2128	24'-0"

For Flexible Fabric and/or Rigid Plastic Faces

Part	Part Number	Length
Dual Divider	2142	24'-6"
2-1/2" Dual Divider Cover	2146	24'-6"

Vandal Systems

Part	Part Number	Length
Inner Frame Retainer	2099	24'-5"
2Part Outer Frame Retainer	1942	24'-6"
Large Inner Frame Retainer	2097	24'-5"
2Part Large Outer Frame Retainer	1941	24'-6"

Radius Extrusions

Part	Part Number	Length
6" Radius 1/4 Round End	1671	24'-2"
6" Radius 1/4 Round Pole Cover	1672	24'-2"
8-1/2" Radius 3-Part End	1673	24'-2"

Radius Corners

For Rigid Plastic Faces

Part	9"	6"
Single Face Body 1-1/2" Retainer	4560	4565
Medium Body 1-1/2" Retainer	4530	4535
Wide Body 1-1/2" Retainer	4500	4505

For Rigid Plastic or Flexible Fabric Faces

Part	9"	6"
Single Face Body Dual Frame with 2-1/4" Dual Frame Cover	4570	4575
Medium Body Dual Frame with 2-1/4" Dual Frame Cover	4540	4545
Wide Body Dual Frame with 2-1/4" Dual Frame Cover	4510	4515

For Flexible Fabric Faces

Part	9"	6"
Single Face Body Tension Frame with Bleed Tension Frame Cover	4580	4585
Medium Body Tension Frame with Bleed Tension Frame Cover	4550	4555
Wide Body Tension Frame with Bleed Tension Frame Cover	4520	4525

Aluminum Extrusions
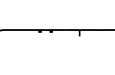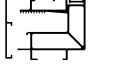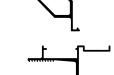
Aluminum Extrusions

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Sign Products - Commercial

Retro/Tension Frame Systems
For Flexible Fabric Faces

Part	Part Number	Length
Bleed Retro Frame	2105	24'-6"
Bleed Retro Frame Cover	2122	24'-6"
Flat Bleed Retro Frame	2104	24'-6"
Flat Bleed Retro Frame Cover	2121	24'-6"
Extended Bleed Retro Frame Cover	2123	24'-6"
1-1/2" Flat Retro Frame Cover	2125	24'-6"
2" Retro Frame	2112	24'-6"
2-3/8" Retro Frame Cover	2115	24'-6"
Wall Mount Tension Frame	2090	24'-6"
Wall Mount Tension Frame Square Cover	2088	24'-6"
Wall Mount Tension Frame Radius Cover	2089	24'-6"
Wall Mount Tension Frame Beveled Cover	2091	24'-6"

Retro/Tension Frame Systems
For Flexible Fabric Faces

Part	Part Number	Length
Bleed Fascia Frame	2092	24'-6"
1-1/2" Fascia Frame	2094	24'-6"

Components

Part	Part Number
Corner Key .120 Stamped Aluminum	5210
Frame Brace 1-1/2" Pieces	5350
2 Piece Frame Brace 1" Pieces	5357
Tensioning Tool	5135
Reverse Wall Mount Tensioning Tool	5138

Bleed Retro Frame & Bleed Retro Frame Cover
Part #2105 **Part #2122**

3-1/2"
.250"
2"
.375"
3/8"
.125"
1"
Attachment Fastener
Cover Screw Part #5195
Corner Key Part #5210
Existing Frame
Frame Corner Angle Part #5305
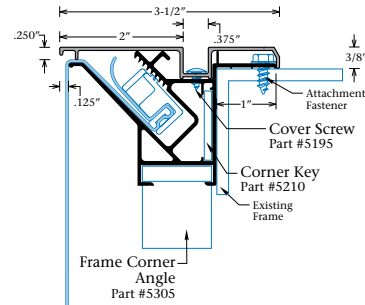
Flat Bleed Retro Frame & Flat Bleed Retro Frame Cover
Part #2104 **Part #2121**

2-7/8"
.250"
Attachment Fastener
Cover Screw Part #5195
Existing Frame
Frame Corner Angle Part #5305

Wall Mount Tension Frame & Radius Cover
Part #2090 **Part #2089**

Cover Screw Part #5215
1"
1-1/2"
4-1/8"
Corner Key Part #5210
Attachment Fastener
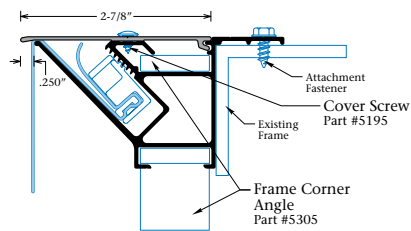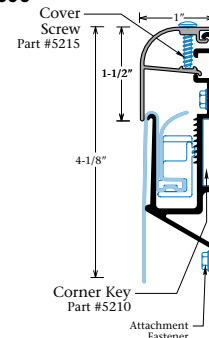
Part	Part Number
Tension Clip 100 Count Bag	5360
3M Wedge Clamp 1-1/2" Bolt - 100 Count Box	5365
2-1/2" Bolt - 100 Count Box	5370
2Part Lock For use with Parts #1942/#2099	5994
2Part Large Lock For use with Parts #1941/#2097	5993

Aluminum Extrusions

Aluminum Extrusions
Sign Products - Architectural

SignComp™

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Additional Architectural products available

Series 2: 2" Post & Panel System

1 Frame	2 Body Styles	1 Reveal	1 Post Style
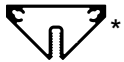
2" Beveled Frame
Part #1990
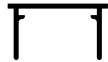
Bleed Body
Part #1120
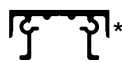
Slide Body
Part #1110

Reveal
Part #1200

2" Square Post
Part #1100

*Pre-paint offering - Slide Body, Beveled Frame, Reveal and Square Posts with caps & screws only.

Series 3: 3-1/4" Post & Panel System

4 Body Styles
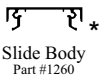
Slide Body
Part #1260

Frameless Body
Part #1275

1 Reveal

Reveal
Part #1200

3 Panel Adaptors

1/8"
Panel Adaptor
Part #1203

8 Post Styles

Round
Part #1237

Square w/
Radius Edges
Part #1235

Rectangular w/
Radius Edges
Part #1230

Triangular w/
Radius Edges
Part #1250

Bleed Body
Part #1270

1/4 Round Body
Part #1280

1/4"
Panel Adaptor
Part #1202

1/2"
Panel Adaptor
Part #1204

Radius
Part #1210

Square
Part #1233

Rectangular
Part #1220

Triangular
Part #1240

* Pre-paint offering - Slide Body, Reveal, Radius and Rectangular Posts with caps & screws only.

Series 3: 3-1/4" Single/Double Face Access Bodies

1 Single Face Access Body (Part #1291)
with 2 Cover Styles
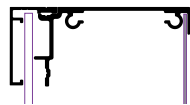
Slide Cover
Part #1694
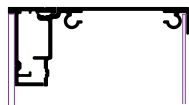
Bleed Cover
Part #1692

1 Double Face Access Body (Part #1290)
with 2 Cover Styles
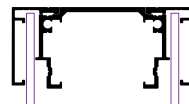
Slide Cover
Part #1694
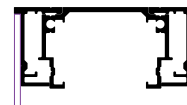
Bleed Cover
Part #1692

Series 7: 7" Post & Panel

3 Body Styles

Bleed Body
Part #1570
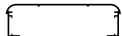
1/4 Round Body
Part #1580
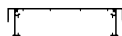
Slide Body
Part #1560

1 Reveal

Reveal
Part #1550

3 Post Options

Radius Post
Part #1500
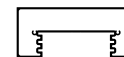
Rectangular Post
Part #1510
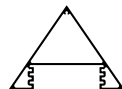
Triangular Post
Part #1530

Aluminum Extrusions

Aluminum Extrusions

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Sign Products - Standard

Standard System Configurations

1Part 12" Body	1Part 9" Body	1Part 8" S/F Body	1Part 6" S/F Body

1Part Bodies

12" — 9" — 8" — 6"

2Part 12" Body	2Part 9" Body	2Part 8" S/F Body	2Part 6" S/F Body

2Part Retainer

12" — 9" — 8" — 6"
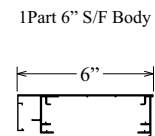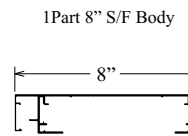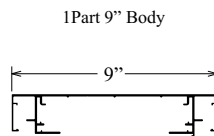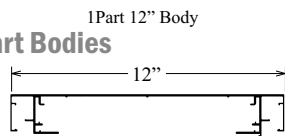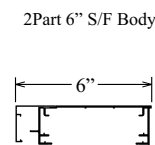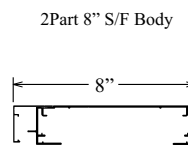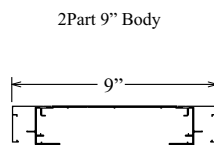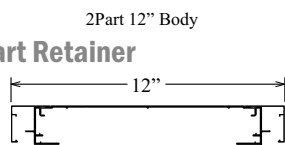
2Part Extended Retainer/2Part Extended Frame & Covers
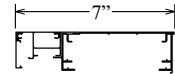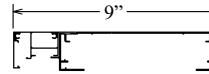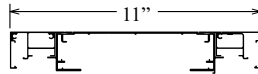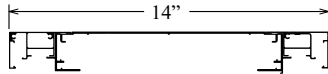
14" — 11" — 9" — 7"

2Part Large Extended Retainer

16-5/8" — 13-5/8" — 10-1/4" — 8-1/4"

2Part Vandal Systems

14" — 11" — 9" — 7"

2Part Large Vandal Systems

16-5/8" — 13-5/8" — 10-1/4" — 8-1/4"
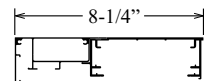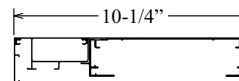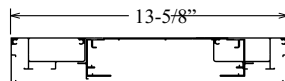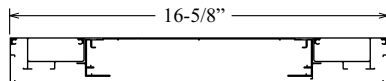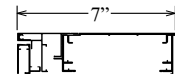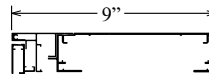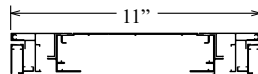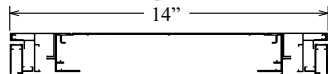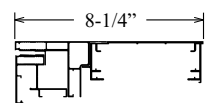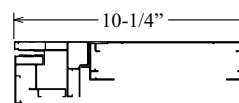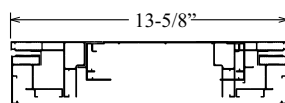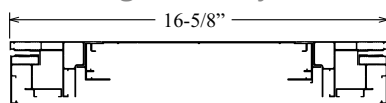
2Part Vandal Systems w/ 2Part Extended Retainer

14" — 11" — 9" — 7"
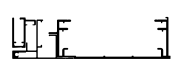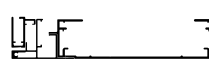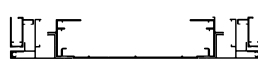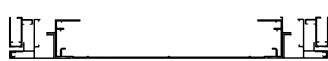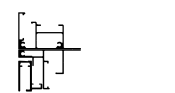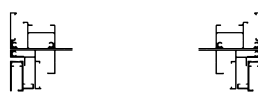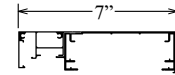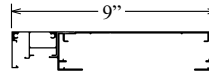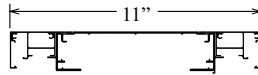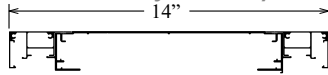
2Part Large Vandal Systems w/ 2Part Extended Retainer

16-5/8" — 13-5/8" — 10-1/4" — 8-1/4"
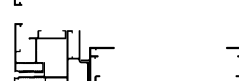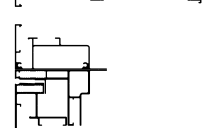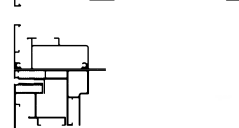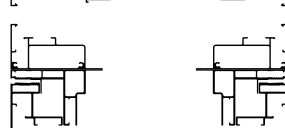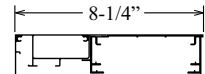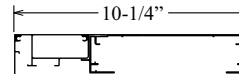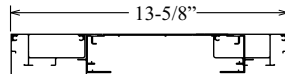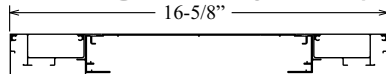
Aluminum Extrusions

Aluminum Extrusions
SignComp™

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Additional products available

Sign Products - Standard

Sign Cabinet Bodies

Part	Part Number	Length
1Part 12" Double Face Body	1924	24'-8"
2Part 12" Double Face Body	1929	24'-8"
1Part 9" Double Face Body	1923	24'-8"
2Part 9" Double Face Body	1928	24'-8"
1Part 8" Single Face Body	1922	24'-8"
2Part 8" Single Face Body	1927	24'-8"
1Part 6" Single Face Body	1921	24'-8"
2Part 6" Single Face Body	1926	24'-8"

Vandal Systems

Part	Part Number	Length
2Part Inner Frame	1960	24'-8"
2Part Outer Frame	1942	24'-6"
2Part Large Inner Frame	1959	24'-8"
2Part Large Outer Frame	1941	24'-6"

Retainers

Part	Part Number	Length
2Part Retainer	1944	24'-6"
2Part Extended Retainer	1940	24'-6"
2Part Extended Frame	1955	24'-6"
2Part Large Extended Retainer	1939	24'-6"

Dividers

Part	Part Number	Length
2Part Divider	1905	24'-2"
1-1/2" Standard Divider	1910	24'-5"
2-1/2" Standard Divider	1920	24'-5"

Standard Moldings

Part	Part Number	Length
1-3/8" L-Molding	1943	24'-5"
1" H-Molding	1945	24'-2"
1" Z-Molding	1946	24'-2"
1.5" Z-Molding	1947	24'-2"

2Part Inner Frame/2Part Outer Frame
Part #1960 and #1942

2Part Inner Frame Part #1960
Retainer Screw Part #5290
2-3/4"
3/8"
2Part Hinge Part #5996
1/4"
2"
2Part Outer Frame Part #1942
1/4"
2 Part Outer Frame Corner Angle Part #5975
3/16"
Corner Key Part #5210
Corner Angle Screw Part #5990

2Part Lg Inner Frame/2Part Lg Outer Frame
Part #1959 and #1941

2Part Large Inner Frame Part #1959
Retainer Screw Part #5290
3/8"
4"
2Part Large Hinge Part #5997
2Part Large Outer Frame Part #1941
2-13/16"
1/4"
Corner Key Part #5210
1/4"
3/16"
Frame Corner Angle Part #5305
2"
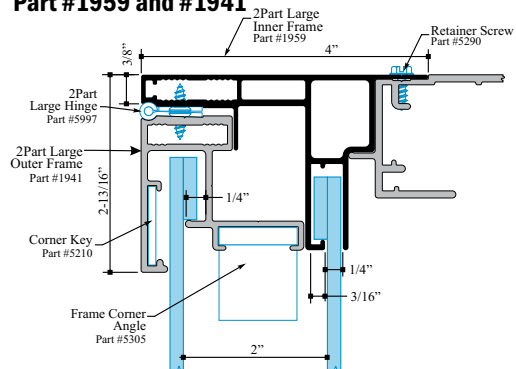
Aluminum Extrusions

Aluminum Extrusions

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Sign Products - Standard

Channel Letter Raceways (Bundled)
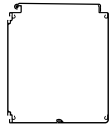
Part	Part Number	Length
2 Piece 8" Channel Letter Raceway • One (1) 2 Piece 8" Channel Letter Raceway - Front • One (1) 2 Piece 8" Channel Letter Raceway - Back • One (1) 8" Channel Letter Raceway Cover **Not Included:** Hardware, Brace/Brackets, Mounting Clips or End Caps	B1982	24' 2"
2 Piece 8" Narrow Channel Letter Raceway • One (1) 2 Piece 8" Channel Letter Raceway - Front • One (1) 2 Piece 8" Narrow Channel Letter Raceway - Back • One (1) 8" Narrow Channel Letter Raceway Cover **Not Included:** Hardware, Brace/Brackets, Mounting Clips or End Caps	B1982N	24'-2"
2 Piece 5" Channel Letter Raceway • One (1) 2 Piece 5" Channel Letter Raceway - Front • One (1) 2 Piece 5" Channel Letter Raceway - Back • One (1) 5" Channel Letter Raceway Cover **Not Included:** Hardware, Brace/Brackets, Mounting Clips or End Caps	B1972	24'-2"
2 Piece 5" Narrow Channel Letter Raceway • One (1) 2 Piece 5" Channel Letter Raceway - Front • One (1) 2 Piece 5" Narrow Channel Letter Raceway - Back • One (1) 5" Narrow Channel Letter Raceway Cover **Not Included:** Hardware, Brace/Brackets, Mounting Clips or End Caps	B1972N	24'-2"

Channel Letter Raceway Components
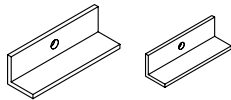
Part	Part Number
8" Channel Letter Raceway Lifting Bracket 1-3/4" x 1-3/4" x 1/4" (6-3/8")	5976-8"
5" Channel Letter Raceway Lifting Bracket 1-3/4" x 1-3/4" x 1/4" (4-3/8")	5976-5"
8" Channel Letter Raceway Brace/Bracket 2" x 6-3/4" x .090	5972-8"
8" Narrow Channel Letter Raceway Brace/Bracket 2" x 3-13/16" x .090	5972N-8"
5" Channel Letter Raceway Brace/Bracket 2" x 4-13/16" x .090	5972-5"
5" Narrow Channel Letter Raceway Brace/Bracket 2" x 2-15/16" x .090	5972N-5"
Channel Letter Raceway 3" Mounting Clip	5989
Channel Letter Raceway 3" Large Mounting Clip	5988
8" Channel Letter Raceway End Cap 8-1/2" x 7-1/4" x .090	5987-8"
8" Narrow Channel Letter Raceway End Cap 8-1/2" x 4-3/8" x .090	5987N-8"
5" Channel Letter Raceway End Cap 5-1/2" x 5-3/8" x .090	5987-5"
5" Narrow Channel Letter Raceway End Cap 5-1/2" x 3-1/2" x .090	5987N-5"
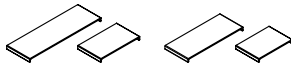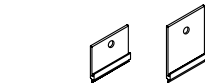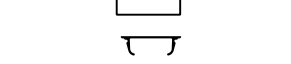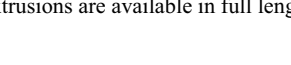
Socket Raceways

Part	Part Number	Length
Large Socket Raceway	1983	24'-2"
Socket Raceway	1984	24'-2"
Socket Raceway II	1985	24'-2"
Socket Raceway Cover	1987	24'-2"

Extrusions are available in full lengths only.

Aluminum Extrusions

Aluminum Extrusions

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Sign Products - EconoComp

EconoComp Specifications

Sign Cabinet Fillers with Moldings

Extended Econo Molding

Large Double Face Filler

Medium Double Face Filler

Single Face Filler

12"

8"

8"

1-5/16"

1-5/16"

1-5/16"

Econo Molding

9"

5"

6-1/2"
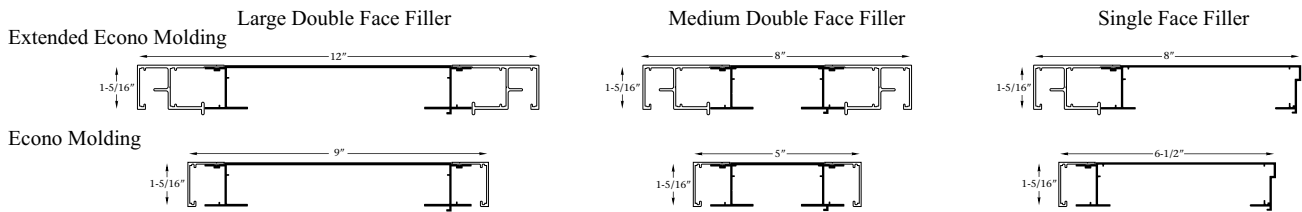
1-5/16"

1-5/16"

1-5/16"

Sign Cabinet Fillers
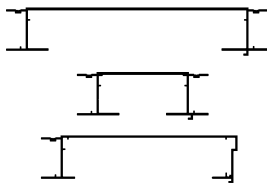
Part	Part Number	Length
Large Double Face Filler	2032	24' 6"
Medium Double Face Filler	2036	24' 6"
Single Face Filler	2034	24' 6"

Moldings
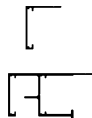
Econo Molding	2056	24' 6"
Extended Econo Molding	2058	24' 6"

Divider

1-5/16" Econo Divider	2140	24' 0"

Components
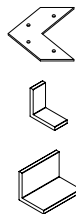
Corner Key .120 Stamped Aluminum	5210
Divider Angle for Econo Molding 1" x 1" x 1/8" (1/2")	5325
Extended Divider Angle for Extended Econo Molding 1" x 1" x 1/8" (2-1/4")	5335

Hardware

Molding Screw Corner Key Screw Divider Screw	5217

Aluminum Extrusions

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Environmentally Friendly
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Products • Processes • Facility

Wall Frames (Clear Anodized)
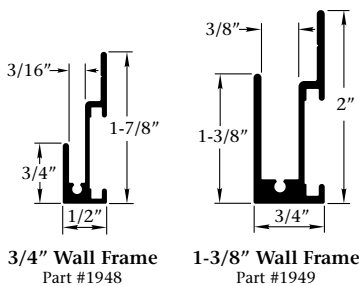
Kit Includes:
• Four (4) pieces of 3/4" or 1-3/8" cut to size, mitered and pre-drilled Wall Frames.
• Four (4) #6 x 3/4" sq/phillips head assembly screws.
• Four (4) Corner Keys Part #5210
Not Included:
• Face material.
• Mounting hardware.

3/16"
1-7/8"
3/4"
1/2"
3/4" Wall Frame
Part #1948

3/8"
2"
1-3/8"
3/4"
1-3/8" Wall Frame
Part #1949

Face Material (Not Included)
Mounting Hardware (Not Included)
#6 x 3/4" Phillips Head Screw Part #5245
Corner Key Part #5210
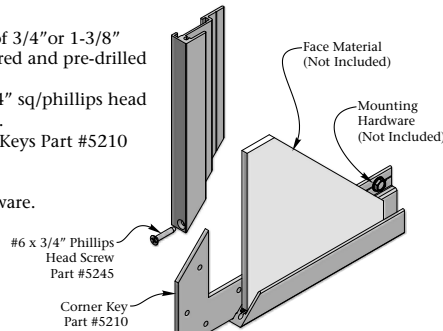
NOTE: Both vertical sides are pre-drilled and countersunk for the assembly fasteners.

Price per Kit 3/4" Wall Frame		
H" x	W"	List
12 x	12	$29
12 x	24	32
24 x	24	34
24 x	36	47
36 x	36	49
36 x	48	57
48 x	48	64
48 x	60	72
60 x	60	78
60 x	72	87

1-3/8" Wall Frame		
H" x	W"	List
12 x	12	$31
12 x	24	37
24 x	24	47
24 x	36	52
36 x	36	59
36 x	48	68
48 x	48	77
48 x	60	88
60 x	60	96
60 x	72	106

Additional Sizes and Full Lengths Available

Snap Frames (Clear Anodized)

Discounts available for multiple kit orders.

Kit Includes:
• Four (4) pieces of cut to size and mitered Snap Frame.
• Four (4) pieces of cut to size and mitered Snap Frame Cover (Anodized).
• Four (4) Corner Keys with Set Screws.
• Spring Clips.
Not Included:
• .040 Backer.
• Clear Lens.

Snap Frame Cover
Snap Frame
Spring Clip
.040 Backer (Not Included)
Clear Lens (Not Included)
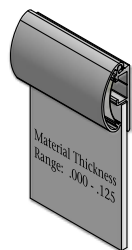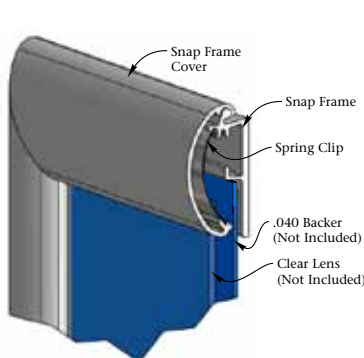
Material Thickness Range: .000 - .125
Snap Frame Part #1899
Snap Frame Radius Cover Part #1896A
Material Thickness Range: .000 - .125
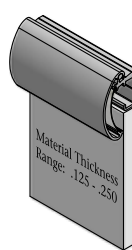
Material Thickness Range: .125 - .250
Large Snap Frame Part #1898
Snap Frame Radius Cover Part #1896A
Material Thickness Range: .125 - .250
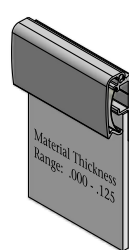
Material Thickness Range: .000 - .125
Snap Frame Part #1899
Snap Frame Flat Cover Part #1895A
Material Thickness Range: .000 - .125
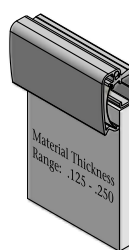
Material Thickness Range: .125 - .250
Large Snap Frame Part #1898
Snap Frame Flat Cover Part #1895A
Material Thickness Range: .125 - .250

Price per Kit		
H" x	W"	List
12 x	12	$18
12 x	24	25
24 x	24	31
24 x	36	38
36 x	36	44
36 x	48	51
48 x	48	57
48 x	60	64
48 x	96	83
60 x	60	70
60 x	72	77

Covers also available in Mill finish

Additional Sizes and Full Lengths Available

Aluminum Extrusions

SignComp™

Wall Mount Tension Frame (Mill Finish)

Price per Kit		
H'	x W'	List
4	x 8	$228
4	x 10	266
5	x 8	247
5	x 10	284
6	x 8	266
6	x 10	303
7	x 8	284
7	x 10	322
8	x 10	341
8	x 15	436
9	x 10	360
9	x 15	455
10	x 10	379
10	x 15	474
10	x 20	568

Additional Sizes and
Full Lengths Available

Cover Screw Part #5215
1"
1-1/2"
4-1/8"
Mounting Hardware (Not Included)
Corner Key Part #5210
Flexible Face (Not Included)

Wall Mount Tension Square Cover Part #2088
Cover Screw Part #5215
1"
1-1/2"

Wall Mount Tension Beveled Cover Part #2091
1"
1-1/2"

• For flexible fabric or banner material signs.
• Easily installed and replaced.

Wall Mount Tension Frame with Radius Cover
Part #2090   Part# 2089

Kit Includes:
• Four (4) pieces of cut to size and mitered Wall Mount Tension Frame, Part #2090.
• Four (4) pieces of cut to size and mitered Wall Mount Tension Frame Cover, Part # 2088, 2089, or 2091.
• Four (4) Corner Keys.
• Cover Screws.
• Tension Clips.
Not Included:
• Mounting hardware.
• Flexible fabric.
• Reverse Wall Mount Tension Tool, Part #5138 or Wall Mount Tension Tool, Part #5137

Edge Lit LED Extrusions (Mill Finish)

Discounts available for multiple kit orders.

Kit Includes:
• One (1) piece of cut to size Edge Lit LED 1/2 Round or 1/4 Round Extrusion.
• Two (2) End Caps.
• Four (4) #6 x 3/8" counter sunk sq/phillips head screws.
• 3/32" x 5/8" spring pins.
Not Included:
• One (1) cut to size .040 aluminum LED mounting strip.
• 1/2" Clear plastic material.
• LED's
• Power Supply

Price per Kit	
1/2 Round	
Length	List
12"	$55
15"	56
18"	57
24"	58
30"	60
36"	62
42"	63
48"	65

1/4 Round	
Length	List
12"	$52
15"	55
18"	56
24"	57
30"	58
36"	60
42"	61
48"	63

Additional Sizes and
Full Lengths Available

3-1/4"
1/2"
1-9/16"
Edge Lit LED 1/2 Round Part #1995

2-1/8"
1/2"
1-9/16"
Edge Lit LED 1/4 Round Part #1996

1/2" Clear Plastic (Not Included)
Cap Screw Part #5940
Edge Lit LED 1/2 Round Cap Part #5905
Spring Pin Part #5945
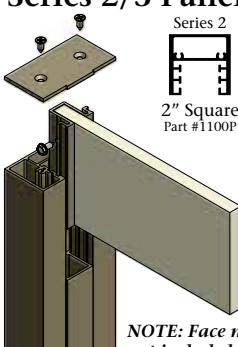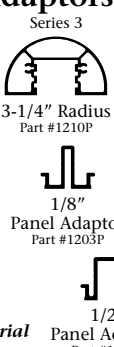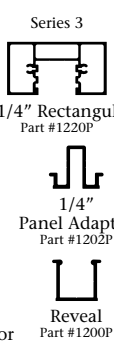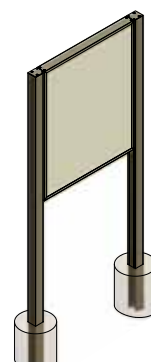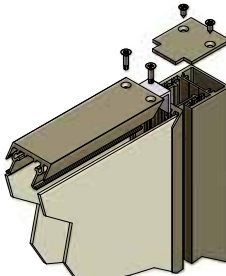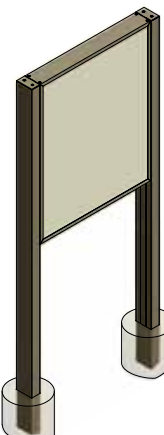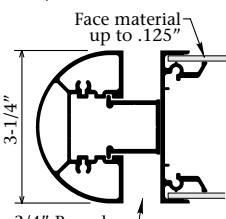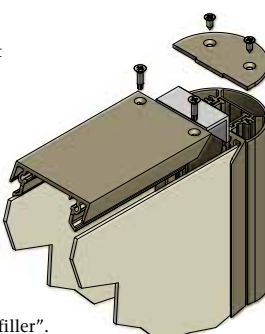
3032 Walker Ridge Dr. N.W ➤ Grand Rapids, MI ➤ Phone: (616) 784-0405 ➤ Toll Free: (877) 784-0405 ➤ Fax: (616) 784-0411

Aluminum Extrusions

SignComp™

Post & Panels (Pre-painted)

Series 2/3 Panel Adaptors

Series 2
2" Square
Part #1100P

Series 3
3-1/4" Radius
Part #1210P

Series 3
3-1/4" Rectangular
Part #1220P

1/8"
Panel Adaptor
Part #1203P

1/4"
Panel Adaptor
Part #1202P

1/2"
Panel Adaptor
Part #1204P

Reveal
Part #1200P

NOTE: Face material not included.

Features & Benefits:
• Pre-painted dark bronze exterior finish.
• Simple to assemble.
• The 1/8", 1/4" and 1/2" Panel Adaptor can be used with any rigid or solid core composite 1/8", 1/4" or 1/2" sheet stock.

Panel Adaptor Kit Includes:
• Two (2) 95-5/8" cut to size posts.
• Two (2) slightly oversized caps with screws.
• Full Panel Adaptor or cut to size Panel Adaptor with Series 2/3 Reveal "below the panel filler" included.
• Screws for panel assembly.
  NOTE: The "below the panel filler" is cut to fit 6" below grade.

Price per Kit

Series 2, 2" Square Post
Two (2) 95-5/8" posts
& caps - $223.00
For 9', 10', & 11' post lengths -
  Add $16.00 per ft. per post
Two (2) - 143-5/8" posts
& caps - $323.00

Series 3 - 3-1/4"Posts
Radius & Rectangular
Two (2) - 95-5/8" posts
& caps - $241.00
For 9', 10', & 11' post lengths -
  Add $18.00 per ft. per post
Two (2) - 143-5/8" posts
& caps - $353.00

Series 2

Face material up to .100"

2"

Series 2, 2" Square Post
Part #1100P
Series 2 Slide Body
Part #1110P
Series 2/3 Reveal
Part #1200P

Zero Reveal

Features & Benefits:
• Pre-painted dark bronze exterior finish.
• Simple to assemble.
• Series 2/3 Reveal can be set in the zero, 3/8" or 3/4" position.

Series 2 Kit Includes:
• Two (2) 95-5/8" Series 2, 2" Square Posts.
• Two (2) slightly oversized caps with screws.
• Cut to size and mitered Series 2 Slide Body.
• Cut to size Series 2/3 Reveal and "below the panel filler".
• All hardware required for assembly.

NOTE: Face material not included.

Price per Kit

Series 2

H" x W"	List
12 x 24	$274
24 x 24	285
24 x 36	295
36 x 36	304
36 x 48	315
36 x 60	325
36 x 72	335
48 x 48	325
48 x 60	335
48 x 72	345

Additional Sizes and Full Lengths Available

Series 3

Face material up to .125"

3-1/4"

Series 3, 3-1/4" Rectangular Post
Part #1220P
Series 3 Slide Body
Part #1260P
Series 2/3 Reveal
Part #1200P

3/8" Reveal

Face material up to .125"

3-1/4"

Series 3, 3-1/4" Radius Post
Part #1210P
Series 3 Slide Body
Part #1260P
Series 2/3 Reveal
Part #1200P

3/4" Reveal

Features & Benefits:
• Pre-painted dark bronze exterior finish.
• Simple to assemble.
• Series 2/3 Reveal can be set in the zero, 3/8" or 3/4" position.

Series 3 Kit Includes:
• Two (2) 95-5/8" Series 3, 3-1/4" Rectangular or Radius Posts.
• Two (2) slightly oversized caps with screws.
• Cut to size and mitered Series 3 Slide Body.
• Cut to size Series 2/3 Reveal and "below the panel filler".
• All hardware required for assembly.

NOTE: Face material not included.

Price per Kit

Series 3

H" x W"	List
24 x 24	$339
24 x 36	355
24 x 48	370
36 x 36	370
36 x 48	384
36 x 60	399
36 x 72	413
48 x 48	399
48 x 60	413
48 x 72	428

Additional Sizes and Full Lengths Available

Aluminum Extrusions

SignComp™

Post & Panels (Powder Coat Finish)

Discounts available for multiple kit orders.

RTS - Post & Panel System

Flagmount   Double Post Mount
                   (2 Posts Required)

Double Post Mount (3-1/4″ Square Post shown)
(2 Posts Required)

Note: All mounting provisions to be provided by fabricator.

3-1/4" Round Post

Flagmount
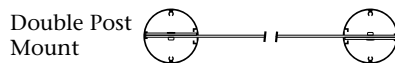
Double Post Mount

3-1/4" Square Post
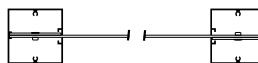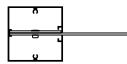
Available in gloss white and gloss black powder coated finishes, 96″ and 144″ posts.

Each 96″ and 144″ RTS Post Kit includes:
- 48" slot to accommodate up to a 48" high, 1/8" or 3mm panel.
- One (1) adjustable, 48" aluminum Post Filler to accommodate a panel less than 48" high.
- One (1) 1/8" aluminum Post Cap with countersunk cap screws.
- One (1) 96" aluminum, adjustable Panel Trim for 3mm hollow core panel material.
- Two (2) 6" Locking Strips.
- One (1) 96″ or 144″ RTS Post powder coated black or white - Gloss Finish.
  NOTE: Face material not included.

List Price Per Single Post (2 posts required for double post mount)

Optional Accessories

Ball Finial Kit
w/Square Cap
White - Part #RTS-5700F WHT
Black - Part #RTS-5700F BLK
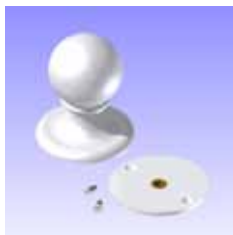
Ball Finial Kit
w/Round Cap
White - Part #RTS-5701F WHT
Black - Part #RTS-5701F BLK
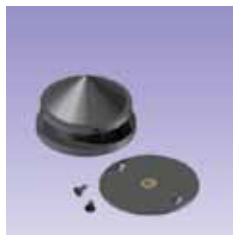
Tapered Ring Finial Kit
w/Round Cap
White - Part #RTS-5703F WHT
Black - Part #RTS-5703F BLK

Tapered Ring Finial Kit
w/Square Cap
White - Part #RTS-5702F WHT
Black - Part #RTS-5702F BLK

Finial Kit Includes: Finial with 1/4″ threaded stud, Cap with 1/4″ threaded insert and two (2) Cap Screws.

Price per Post

Square Post

96" Post
Part #RTS-1015-8 WHT
Part #RTS-1015-8 BLK
$104.86 each

144" Post
Part #RTS-1015-12 WHT
Part #RTS-1015-12 BLK
$150.87 each

Round Post

96" Post
Part #RTS-1017-8 WHT
Part #RTS-1017-8 BLK
$96.30 each

144" Post
Part #RTS-1017-12 WHT
Part #RTS-1017-12 BLK
$138.03 each

Price per Finial

Ball Finial

Ball Finial with Square Cap
(Cap Screws and Threaded Insert Included)
Part #RTS-5700F WHT
Part #RTS-5700F BLK
$33.92 each

Ball Finial with Round Cap
(Cap Screws and Threaded Insert Included)
Part #RTS-5701F WHT
Part #RTS-5701F BLK
$33.92 each

NOTE: Caps are slightly oversized.

Tapered Ring Finial

**Tapered Ring Finial
with Square Cap**
(Cap Screws and Threaded Insert Included)
Part #RTS-5702F WHT
Part #RTS-5702F BLK
$33.92 each

**Tapered Ring Finial
with Round Cap**
(Cap Screws and Threaded Insert Included)
Part #RTS-5703F WHT
Part #RTS-5703F BLK
$33.92 each

NOTE: Caps are slightly oversized.

Plastic Cross Reference Chart

Colors	Cyro	Aristech	Chemcast	Plaskolite
Trans Bronze	131-2	2370	2370	2370
Black	199-0	2025	2025	2025
Red	205-0	2157	2157	2157
Red	209-0			
Red	211-1	2283	2283	2283
Red	217-0			
Red	278-0	2793	2793	2793
Orange	303-0	2119		
Brown	324-0			
Yellow	406-1			
Yellow	407-2	2037	2037	2037
Green	506-0		2030	
Green	507-0	2108	2108	2108
Blue	605-0	2114		
Blue	606-0		2050	
Blue	607-1	2051	2051	2051

Colors	Cyro	Aristech	Chemcast	Plaskolite
White	015-2	7328	7328	7328
White	020-4	2447	2447	2447
Ivory	047-2	2146	2146	
White	048-2	7420	7420	7420
White	049-3			
White	054-3	7138		
White	076-0	7508	7508	

Sheet Sizes Available: Aristech, Plaskolite
4x8, 4x10, 4x12, 6x8, 6x10, 6x12, 8x8, 8x10, 8x12

Sheet Sizes Available: Chemcast, Cyro
4x8, 4x10, 6x8, 6x10

Reel Width Available: Spartech, Sheffield 52", 64", 76", 100"
Reel Thickness Available: Sheffield, .177, .118, .150
Reel Thickness Available: Spartech, .177, .118, .150

2025 Black   2037 Yellow   2051 Blue   2108 Green

2114 Blue   2119 Orange   2146 Ivory   2157 Red

2283 Red   2447 White   2793 Red   6362 Silver

7328 White

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Standard Acrylics

Aristech, GPA

Aristech Acrylic Sheet is a continuous cast acrylic sheet, derived from a unique formulation. GPA is a general purpose acrylic sheet. It is solvent cementable and available in many standard colors, thicknesses and sizes. See Cross Reference Chart for sizes and colors.

Chemcast GP

Chemcast GP acrylic sheet is a lightweight, rigid thermoplastic material that has many times the breakage resistance of glass. Chemcast GP is ultraviolet light absorbing and thererfore very weather resistaint with outstanding exposure for many years without losing its surface gloss or mechanical properties. See Cross Reference Chart for sizes and colors.

Plaskolite, Optix SG

This acrylic sheet is continuously processed, high quality acrylic sheet. Crystal clear, impact resistant and five times stronger than glass, SG is also weather resistant and non-yellowing. Available in standard colors, custom matched colors, high impact, green edged and patterned sheet. Use for any fabrication or market application, including signage, lighting and point of purchase, picture framing, skylights and displays. See Cross Reference Chart for sizes and colors.

Impact Modified Acrylic

Spartech Tuf-Glas®

Tuf-Glass is a modified acrylic that is especially desirable for high-volume production programs where economy is a primary consideration. Tuf-Glas has the clarity and stiffness always associated with acrylics, combined with toughness at least seven times greater than standard acrylic. It is a tough acrylic sheet that combines exceptional weatherability that gives high performance for the cost factor. Available in reels and flat sheets in either smooth or matte finish in Clear or White

Spartech Crylex® Plus

This is an ultra-modified acrylic: extruded Plexiglas®DR®. It's the toughest acrylic sheet available. In addition to its formidable impact strength (10 times greater than standard acrylic), it offers outstanding weatherability and stiffness, plus ease of fabrication. Available in reels or flat sheets, in either smooth or matte finish, in Clear or White.

Impact Modified Acrylic

Plaskolite, Duraplex SG-05 and SG-10

Duraplex impact modified acrylic is an economical alternative to polycarbonate, offering excellent weatherability without impact reduction. A wide range of forming temperatures and short forming cycles afford enhanced thermoforming capabilities not available in polycarbonate. Because it is ten times stronger than acrylic, Duraplex is shatter resistant yet optically clear while providing superior impact resistance. Duraplex sheet is ideal for sign, display, car accessory, window and door and skylight applications. See Cross Reference Chart for sizes and colors.

Cyro, Acrylite SG

Acrylite SG sheet is a versatile thermoplastic sheet that is rigid, tough, lightweight and offers ease of fabrication and machining. Cutting, routing, drilling, forming and cementing can be performed on Acrylite SG sheet. Specifically designed for the sign industry, this sheet is ideal for use in channel letters, formed letters and shapes as well as back-painted signs. Offers the look of acrylic with the impact strength required for fabrication, handling, shipping and sign installation. All sheets are protected with paper masking. See Cross Reference Chart for sizes and colors.

Aristech, Acrysteel® IGP

This product is made by the Continuous Sheet Casting process, unlike other impact materials that are made by the extrusion process. It is an engineered thermoplastic acrylic sheet designed to give a "preferred balance" of physical properties and performance. All the advantages of a proved thermoforming acrylic sheet like Aristech GPA but with greater impact resistance to reduce sheet breakage in the fabricator's plant and during field installation. A high gloss, hard surfaced sheet available in custom and standard sheet sizes plus continuous reels. See Cross Reference Chart for sizes and colors.

UV Resistant Polycarbonate

Spartech, Sungard®

This a co-extruded all polycarbonate UV-resistant sheet for the sign industry. Sungard preserves polycarbonate impact strength over time and its enhanced weatherability is achieved without sacrificing thermoformability and ease of fabrication. Available in both sides polished or with matte outer surface and a polished inner surface. All material is masked on two sides. Available in clear or white.

Sheffield, Makrolon SL

MAKROLON® GP general purpose polycarbonate sheet is a polished surface, UV stabilized polycarbonate product for use in glazing and industrial applications, and features outstanding impact strength and superior dimensional stability. MAKROLON® GP polycarbonate sheet's five year warranty against breakage, along with its UL 94 VO rating on gauges .220" and greater, make it cost effective in a wide range of industrial glazing, design, and structural applications. Available in clear or white.

Letter Trim

Wagner, Jewelite® Trim

The plastic molding that add new dimensions to all cut-out letters. It form-fits to any style letter. Adheres to plastic and other surfaces. No painting or polishing is necessary.

Color	3/4" 150' Reel	1" 150' Reel	1" 10' Strip	2" 100' Reel	2" 10' Strip
Black	x	x	x	x	x
Blue (Solid)	x	x	x	x	x
Intense Blue	x	x	x	x	
Bronze	x	x	x	x	x
Bronze 313	x	x	x	x	x
Brown		x		x	
Brushed Chrome		x			
Burgundy		x			
Chrome	x	x	x	x	x
Gold	x	x	x	x	x
Green (Solid)	x	x	x	x	x
Ivory		x			
Orange		x			
Teal		x			
True Red	x	x	x	x	x
White	x	x	x	x	x
Yellow		x	x		

Wagner, Jewelite "Nicker" Tool

Used to notch plastic trim to allow for a smooth, uniform bend. Used for 3/4" to 2" trim.

Reece P/N	Price
3984	49.50

Jobmaster, Hand Magnets

A useful aid in the application of trim cap to the plastic letter face.

Reece P/N	Price
3979	5.06

Wagner, Jewelite®, Handle Magnets

Ideal for holding Jewelite® trim in position during assembly. The convenient handles make moving and these magnets much easier.

Catalog No.	Description
HM34	1" magnet with 25 lbs of pull strength.
HM67	2" magnet with 50 lbs of pull strength.
HMC503	3 3/8" (extended side) magnet with 50 lbs. of pull strength.
HMC503B	3 1/2" (extended side) magnet with 50 lbs of pull strength.
HMC504	4" (2 extended side) magnet with 50 lbs. of pull strength.

Letter Mounting Materials

Westrim, Letter Mounting Blocks

Clear acrylic blocks for use with aluminum studs.
Dimensions: 1/2" x 1/2" x 3/4".

Reece P/N	Price
3971	.22

Westrim, Mounting Pads

Molded from clear acrylic. Made with rectangular holes through the pads to allow good adhesion.
For use with #10-24 studs.

Diameter	Reece P/N	Price
1 1/2"	3970	.59
2 1/2"	2213	.28

Westrim, Aluminum Studs

Threaded aluminum rods available in #10-24 x 3", 4"

Size	Reece P/N	Price
3"	3974	.26
4"	3975	.28

Adhesives
Lord Adhesives

Product	Applications	Working Time @ 72°F	Handling Time @ 72°
Lord 403/19	All plastics & unprepared metals.	Very fast - 2 to 4 minutes	6 to 8 minutes
Lord 406/19	Same as 403/19 with longer work time.	Fast - 6 to 10 minutes	15 to 20 minutes
Lord 410/19	Same 406/19 with longer work time.	Medium - 25 to 45 minutes	1 to 2 hours
Lord 7542 A/B	Plastics, prepared metals, SMC, FRP and foam.	Fast - 4 to 5 minutes	1 to 2 hours
Lord 7550 A/C	Trimcap, plastics, other non-structural applications.	Fast - 3 to 5 minutes	15 to 30 minutes
Lord 7660	Plastics and prepared metals; laminating and trim components.	Medium - 30 to 60 minutes	24 hours
Lord 320/322	SMC, FRP, primed metals rubber, foam, ceramic, stone and other thermoset plastics.	Medium - 30 to 60 minutes	2-5 hours

Product	Full Cure @ 72°	Sag Resistance	Comments
Lord 403/19	1 hour	Excellent	Fast room temperature bond with no surface preparation.
Lord 406/19	4 hours	Excellent	Longer work time than Lord 403/19.
Lord 410/19	8 to 10 hours	Excellent	Longer work time than Lord 406/19.
Lord 7542 A/B	8 to 10 hours (15 - 30 minutes @ 140°F).	Excellent	Odorless; nonflammable; cost effective; flexible. Can be heat accelerated.
Lord 7550 A/C	24 hours	Self Leveling	Clear. Fast room temperature bonding. odorless;flexible; nonflammable. Can be heat accelerated.
Lord 7660	72 hours	None (brushable and sprayable).	One part cross-linking structural adhesive. Provides initial tack for fixturing.
Lord 320/322	24 hours	Excellent	Rubber toughened, heat resistant.

For Metal Surfaces

All Metals - Lord 403/19, 406/19 and 410/19 adhesives will bond most metals with a simple dry rag wipe. Where gross contamination is present, chlorinated solvents work best to degrease and prepare metal surfaces for bonding (1,1,1 trichloroethane or methylene chloride). If these are restricted in the work area, use ketones, such as methyl ethyl ketone (MEK) or acetone. Isopropyl alcohol (IPA) can also be used. Gasoline, toluene, xylene or mineral spirits are not recommended because they may leave a residue.

Lord 7543A/B, 7550A/C, 7660 and 320/322 adhesives require the use use of metal surface primers after solvent cleaning and before bonding.

For Plastics and Composite Surfaces

All Plastics - Mechanical Abrasion - Use Grit Blast, Sand Blast, Grinding, Sanding or Scotch Brite® Scuff. Each of these processes removes dry contamination while increasing the surface area for improved mechanical adhesion. Some surfaces may only require a Scotch Brite scuff. A solvent wipe before and after mechanical abrasion is usually required. For ABS, Acrylic, Polycarbonate Surfaces - Use only isopropyl alcohol (IPA); other solvents may attack the plastic and weaken it. For PVC and Vinyl surfaces - Methyl ethyl ketone (MEK) or acetone is best for removing plasticizers from the surface.

Adhesives

Lord® Adhesives

LORD

Lord Adhesives offer advantages over welding and mechanical fastening methods because they bond dissimilar materials, provide improved appearances, insulate against galvanic corrosion and offer excellent environmental resistance. Adhesive bonding provides cost savings as well, due to reduced labor costs and assembly time. Chart below is a guide to choosing the proper adhesive for sign bonding applications.

Adhesive Selector Guide for Sign Assembly

	Aluminum	*Painted Metal*	*Polycarbonate*	*Acrylic*
Aluminum/Steel	Lord 403/6/10	Lord 403/6/10	Lord 403/6/10	Lord 403/6/10
Painted Metal	Lord 403/6/10	Lord 403/6/10	Lord 403/6/10	Lord 7542A/B
				Lord 403/6/10
Polycarbonate	Lord 403/6/10	Lord 7542A/B	Lord 7542A/B	Lord 7542A/B
				Lord 403/6/10
Acrylic	Lord 403/6/10	Lord 7542A/B	Lord 7542A/B	Lord 7542A/B
		Lord 403/6/10	Lord 403/6/10	Lord 403/6/10
PETG	Lord 403/6/10	Lord 7542A/B	Lord 7542A/B	Lord 7542A/B
		Lord 403/6/10	Lord 403/6/10	Lord 403/6/10
Trimcap	Lord 403/6/10	Lord 403/6/10	Lord 7550A/C	Lord 7550A/C
Ceramic/Stone	Lord 320/322	Lord 320/322	Lord 7542A/B	Lord 7542A/B
		Lord 7542A/B		
Wood/Sign Foam	Lord 320/322	Lord 7542A/B	Lord 7542A/B	Lord 7542A/B

	PETG	*Trimcap*	*Ceramic/Stone*	*Wood/Sign Foam*
Aluminum/Steel	Lord 403/6/10	Lord 403/6/10	Lord 320/322	Lord 320/322
Painted Metal	Lord 7542A/B	Lord 403/6/10	Lord 320/322	Lord 7542A/B
	Lord 403/6/10		Lord 7542A/B	
Polycarbonate	Lord 75424A/B	Lord 7550A/C	Lord 7542A/B	Lord 7542A/B
	Lord 403/6/10			
Acrylic	Lord 7542A/B	Lord 7550A/C	Lord 7542A/B	Lord 7542A/B
	Lord 403/6/10			
PETG	Lord 7542A/B	Lord 7550A/C	Lord 7542A/B	Lord 7542A/B
Trimcap	Lord 7550A/C	Lord 7550A/C	N/A	Lord 7542A/B
Ceramic/Stone	Lord 7542A/B	N/A	Lord320/322	Lord 320/322
Wood/Sign Foam	Lord 7542A/B	Lord 7542A/B	Lord 320/322	Lord 7542A/B
				Lord 7660

* Lord 403/6/10 refers to a family of acrylic adhesives with different working times, etc; 403/19, 406/19, 410/19. Top product number indicates the primary recommendation.

Many adhesives require proper surface preparation to work effectively. Lord 7542A/B, 7550A/C, 7660 and 320/322 adhesives require a primer

Hypo Applicator for Plastic Cement

Used for applying plastic cement to letter trim and sign face. These are durable 2 oz. polyethylene "squeeze type" bottles fitted with a one inch hypodermic needle.

Catalog #	Needle diameter	Gauge	Reece P/N	Price
Hypo-25	.025"	23	3913	2.60
Hype-35	.035"	20	3917	3.00
Hypo-49	.049"	18	3920	3.00
Hypo-65	.065"	15	3918	2.60

Channel Bond Adhesive

A clear, one part adhesive for joining polycarbonate or acrylic to butyrate trimcap for channel letter applications. A handling strength bond is achieved in 15 minutes, at which time letters can be removed from the table; full cure takes place in 24 hours. Channelbond should be applied with a Hypo 49.

Size	Reece P/N	Price
Qt	3962	111.59

Adhesives

IPS, Weld-On Adhesive

WELD·ON

IPS, Weld-On 3

3™: Water thin, non-flammable, very fast-setting solvent cement for bonding acrylic. It will also bond with other thermoplastics such as polystyrene, CAB (cellulose acetate butyrate), PETG (polyethylene terephthalate glycol) and polycarbonate to themselves. It will not bond to cross linked acrylics.

Size	Reece P/N	Price
Pt	3942	10.58
Qt	3938	16.64
Gal	3937	65.20

IPS, Weld-On 4

4™: Water thin, somewhat flammable, moderately fast-setting, blush-resistant solvent cement for bonding acrylic. It will also bond with other thermoplastics such as polystyrene, CAB (cellulose acetate butyrate), and polycarbonate to themselves. It will not bond to cross-linked acrylic.

Size	Reece P/N	Price
Pt	3276	10.58
Qt	3939	16.64
Gal	32375	65.20

IPS, Weld-On 16

16™: Medium bodied, fast-setting, high strength acrylic cement. Also bonds rigid PVC, ABS, styrene, butyrate, polycarbonate to themselves and each other, as well as other plastics and porous surfaces.

Size	Reece P/N	Price
5 oz	3944	5.37
Pt	3945	12.66
Gal	3940	73.75

IPS, 55/58 Dispensing Gun

Size	Reece P/N	Price
50 ml	28013	64.69
55/58 Mixing Tips	32377	1.03

Adhesive Systems Inc.

MP55420

•Use on metal, aluminum, ACM and plastic
•Tough/durable bonds
•Bonds to similar and dissimilar surfaces
•Excellent aging and weathering properties
•Excellent impact resistance
•Easy to use

Size	Reece P/N	Price
50ml	92169	11.43
380ml	92165	33.33

Flexface Vinyl
Cooley-Brite Flexible Sign Products

Cooley-Bright 0606 White

Cooley's original backlit sign and awning material, Cooley-Brite 20-ounce features a scrim design that is nearly invisible to allow for maximum light diffusion, consistent translucency, and brilliant eradicable colors in backlit signs and awnings. The added protection of our Coolthane® topcoat formulation enhances cleanability and extends the life of the product. Cooley-Brite is treated with anti-wick, ultraviolet stabilizers, fungicides, and whiteners for excellent color protection, durability, and long life. 8 year warranty.

Size	Reece P/N	Price/SF
4' 3"	58619	1.68
5' 2"	24040	1.68
6' 6"	32496	1.68
8' 6"	40326	1.68
10' 6"	40327	1.68
12' 6"	40328	1.68

Cooley-Bright SM-42 White

Same as 0606 white above except it does not include the added feature of Coolthane topcoating. This is a seamless product.

Size	Reece P/N	Price/SF
4' 3"	24011	1.66
5' 2"	4254	1.66
6' 6"	4255	1.66
16' 4"	40915	1.66

Cooley-Bright II

The performance benchmark for eradicable backlit flexible substrates, Cooley-Brite II features the proven performance of our Cooley-Brite substrate with the added protection of our Coolthane® topcoat formulation, which enhances cleanability and extends the life of the product. This flexable 20 oz. product comes with an 10 year warranty. Available in 78" wide rolls.

Available Colors

White	Ivory	Yellow	Sunflower Yellow
Orange	Light Red	Bright Red	Dark Red
Burgundy	Pink	Plum	Black
Light Blue	Mid Blue	Reflex Blue	Dark Blue
Teal	Light Green	Green	Forest Green

Cooley-Bright Lite 0606 Colors

This 16-ounce, eradicable substrate is based on the same proven technology as Cooley-Brite. Cooley-Brite Lite is lighter in weight, offering unique flexibility for ease of installation. It is translucent, flexible, durable, and features excellent lay-flat characteristics, as well as engineered for high color brilliance and consistent color transparency. 8 year warranty.

Size	Color	Reece P/N	Price/SF
6' 6"	4 Lemon Yellow	4621	3.09
6' 6"	3 Sunflower Yellow	4620	3.09
6' 6"	17 Tangerine	91526	3.09
6' 6"	1 Cherry Red	4618	3.09
6' 6"	2 Bright Red	91527	3.09
6' 6"	22 Burgundy	57042	3.09
6' 6"	19 Raspberry	91528	3.09
6' 6"	6 Royal Blue	4623	3.09
6' 6"	16 Intense Blue	46371	3.09

Cooley-Bright Lite 0606 Colors, Continued

Size	Color	Reece P/N	Price/SF
6' 6"	5 Navy Blue	4622	3.09
6' 6"	11 Plum Purple	91529	3.09
6' 6"	13 Teal	91530	3.09
6' 6"	15 Petro Green	91531	3.09
6' 6"	21 Holly Green	64829	3.09
6' 6"	10 Black	65262	3.09

Cooley-Bright Lite 0606 White

This 16-ounce, substrate is based on the same proven technology as Cooley-Brite. Cooley-Brite Lite is lighter in weight, offering unique flexibility for ease of installation. It is translucent, flexible, durable, and features excellent lay-flat characteristics. 8 year warranty.

Size	Reece P/N	Price/SF
3' 6"	75592	1.66
4' 3"	75593	1.66
5' 2"	75594	1.66
6' 6"	60429	1.66

Cooley-Bright Lite SM-42 White

Same as 0606 white above except it does not include the added feature of Coolthane topcoating

Size	Reece P/N	Price/SF
3' 6"	75596	1.46
4' 3"	75597	1.46
5' 2"	75598	1.46
6' 6"	75595	1.46

Cooley-Weathertyte

Weathertyte Awning Fabric is a 16-ounce material which offers excellent weatherability and strength in a cost-effective composite membrane. Weathertyte offers the look and feel of a woven fabric while the membrane's composition prevents sagging typically found in solution-dyed fabrics. Available in 74" wide rolls. 8 year warranty.

Available Colors

White	Linen	Yellow	Sunflower Yellow
Red	Dark Red	Burgundy	Charcoal
Blue	Navy Blue	Chocolate Brown	Black
Forest Green	Green	Mauve	Coral
Slate	Teracotta	Platinum	Beige

Cooley-Weathertyte Lite

Weathertyte Lite Awning Fabric is a lighter-weight (11 oz.) material which offers excellent weatherability and strength in a cost-effective composite membrane.

The lighter weight of Weathertyte Lite makes it easier to handle during fabrication and installation, while the membranes composition prevents sagging typically found in solution-dyed fabrics. Available in 74" wide rolls. 8 year warranty.

Available Colors

White	Linen	Yellow	Sunflower Yellow
Red	Dark Red	Burgundy	Charcoal
Blue	Navy Blue	Chocolate Brown	Black
Forest Green	Green	Mauve	Coral
Slate	Teracotta	Platinum	Beige

Flexface Vinyl

Signtech Flexible Sign Products

Wide Flex 6

Wide Flex 6, a white seamless wide width flexible substrate, is designed for large sign faces where durability and uniform light transmission are important. The polymeric PVC ensures the quality and reliability you have come to expect from Arlon for your everyday signage applications. Rated as a 6-year outdoor product, you have the flexibility to decorate with translucent vinyl or digital print.

Size	Reece P/N	Price/SF
6' 6"	48829	1.27
8' 6"	47022	1.27
10' 6"	47025	1.27
12' 6"	47027	1.27
16' 4"	470.29	1.27

MPF Multi-Purpose Flexface

MPF(Multipurpose Flexface) is a high quality (21-oz) cast, flexible substrate. It is specially coated to protect the bright-white surface, remain UV stable, resist pollutants and is environmentally friendly. This substrate is designed for decoration techniques such as heat transfer, screen printing, and super-wide format digital printing. MPF is rated as a 10 year outdoor product.

Size	Reece P/N	Price/SF
5'	4234	2.35
7'	4235	2.35
8' 6"	4236	2.74
9' 6"	4237	2.74
12' 6"	4239	2.47

Eradicolor

Eradicolor is ideal for back-lit awnings and signage with single background colors. Designs, logos and copy may be added through eradication, inlaying additional colors where desired. Now in a design for everyday signage, usage is intended where the requirement is for medium-term durability. Available in a range of popular colors, the awning and sign faces can be decorated with translucent vinyl or heat transfer film.

Size	Color	Reece P/N	Price/SF
7'	4355 Green	4350	3.01
7'	2870 Royal Blue	27390	3.01
7'	2114 Blue	4342	3.01
7'	2283 Medium Red	4343	3.01
7'	2037 Light Yellow	4344	3.01
7'	2016 Dark Yellow	4345	3.01
7'	2662 Tomato Red	4346	3.01
7'	2510 Red	4347	3.01
7'	2020 Burgundy	4348	3.01
7'	2025 Black	4349	3.01
7'	4355 Light Green	4350	3.01
7'	2108 Holly Green	4351	3.01
7'	4048 Dark Green	4352	3.01

Flexface FX

Flexface FX flexible substrate is made of premium cast (21-oz) PVC for internally illuminated signs, awnings, and canopies. It is specially formulated for a bright-white surface, superior dimensional stability and excellent strength, even in the most rigorous environments. Included is a proprietary coating designed for extended durability and ease of vinyl decoration - from small logo elements to full coverage lamination. Flexface FX is rated as a 10 year outdoor product.

Size	Reece P/N	Price/SF
5'	4233	2.35
7'	4357	2.35
8' 6"	27984	2.82
9'	24008	2.87
10' 6"	27985	2.82
11' 6"	27986	2.82
12' 6"	27987	2.82

3M Flexible Sign Products

Panaflex 945GPS

3M Panaflex Awning and Sign Facing 945GPS is flexible material with built-in dirt resistance on its smooth, semi-gloss surface. This durable substrate is white-pigmented vinyl with a reinforcing polyester scrim, used for creating signs and awnings. It can be decorated with pigmented translucent film or screen printed or piezo inkjet printed translucent film.

Size	Reece P/N	Price/SF
3' 4"	27999	3.18
4'	4366	3.30
65"	4367	3.30
8' 6"	4467	3.62
9' 6"	4468	3.62
10' 6"	4469	3.62
11' 6"	4470	3.62
12' 6"	4471	3.62
15' 6"	4472	3.62
19' 6"	4657	3.62

Panagraphics III

Translucent media with a smooth front surface and a semi−gloss finish. Digitally image this substrate and attach it to a variety of extrusions, or decorate with cut or screen printed film before or after attaching it to a frame or extrusion. Cost−effective choice for seamless, wide width backlit signs used in medium to long−term installations.

Size	Reece P/N	Price/SF
4' 11"	53203	1.53
6' 7"	53204	1.53
8' 2"	52728	1.53
10' 6"	53493	1.53
13" 9"	53205	1.53

Rivets

Marson, HP-2® Rivet Gun

This hand rivet tool has has square shoulder fulcrum pin made of cold-formed heat treated steel which prevents pin rotation that can elongate the engaging holes and cause premature tool failure in imitation tools. Other quality features include: precision die cast, high strength aluminum alloy body; drop forged carbon steel upper handle; and thick cushion-molded vinyl grips for comfort. The HP-2 sets up to (3/16" steel rivets and comes with four mounted nosepieces (3/32", 1/8", 5/32" and 3/16") and a service wrench.

Marson, Steel Rivets

Plated Steel Rivet - Coated Steel Mandrel - IFI Grade 30

Catalog #	Diameter	Grip Range
SB4-2	1/8"	1/16" to 1/8"
SBL4-2	1/8"	1/32" to 1/8"
SB4-4	1/8"	3/16" to 1/4"
SB4-6	1/8"	5/16" to 3/8"
SB4-8	1/8"	3/8" to 1/2"
SB6-2	3/16"	1/16" to 1/8"

Marson, Aluminum Rivets

Buttonhead. 5052 Aluminum Body - Aluminum Mandrel - IFI Grade 11

Catalog #	Diameter	Grip Range
AB3-2	3/32"	1/32" to 1/8"
AB3-4	3/32"	1/8" to 1/4"
AB4-2	1/8"	1/16" to 1/8"
AB4-3	1/8"	1/8" to 3/16"
AB4-4	1/8"	3/16" to 1/4"
AB4-6	1/8"	5/16" to 3/8"

Speed E Rivets

High strength, precision-made hollow rivets assembled on a solid mandrel. They are especially useful for "blind" fastening where there is no access to the reverse side of the work.

Catalog #	Diameter	Description	Grip Range
SFS-42	1/8"	Steel with steel	1/16" - 1/8"
SFS-42L*	1/8"	Mandrel	1/32" - 1/8"
SFS-44	1/8"	Mandrel	3/16" - 1/8"
SFS-44L*	1/8"	Mandrel	3/16" - 1/4"
SFS-46	1/8"	Mandrel	3/16" - 1/4"
SFS-46	1/8"	Mandrel	5/16" - 3/8"
SFS-66	3/16"	Mandrel	1/4" - 3/8"
AFA-42	1/8"	Aluminum	1/16" - 1/8"
AFA-44	1/8"	With aluminum	3/16" - 1/4"
AFA-46	1/8"	Mandrel	5/16" - 3/8"
AFA-66	3/16"	Mandrel	1/4" - 3/8"

Wall Irons

Catalog #	Size	Angle	Qty/Carton
6201-S	3/16" x 2" x 2" x 2"	90°	100
6201-A	3/16" x 2" x 2" x 1 1/2"	90°	100
6204-A	3/16" x 1 1/4" x 2" x 2"	45°	100
6205	3/16" x 1 1/2" x 2" x 5"	45°	50
6206	3/16" x 1 1/2" x 2" x 5"	90°	50

Catalog #	Size	Qty/ Bundle
6207	3/16" x 1 1/2" x 43"	10
6208	2/16" x 1 1/2" x 14 1/2"	10
6209	7 1/4" x 1 1/2" x 7 1/4"	10

Short Length Screw Machine Drill Bits

Diameter	Decimal/Inches	Length Overall Inches
1/16"	.0625	1 5/8"
7/64"	.1094	1 13/16"
1/8"	.1250	1 7/8"
9/64"	.1406	1 15/16"
3/16"	.1875	2 3/16"
7/32"	.2187	2 3/5"
1/4"	.2500	2 1/2"
9/32"	.2812	2 11/16"
5/16"	.3125	2 13/16"
3/8"	.3750	3 1/8"
7/16"	.4375	3 7/16"
1/2"	.5000	3 3/4"
11/64"	.71875	2 1/8"
5/32"	.5625	2 1/16"
13/32"	.40625	3 5/16"
13/64"	.203125	2 1/4"
3/32"	.09375	1 3/4"
27/64"	.421875	3 3/8"
(#11)	.1910	2 1/4"
(#18)	.1695	2 1/8"
(#19)	.1660	2 1/8"
(#20)	.1610	2 1/8"
(#24)	.1520	2 1/16"

FC Flexclamp

Catalog #	Reece P/N	Price
FC	5153	1.73
SSC-P	5159	.38
FHU	5160	.11

Punches

Roper Whitney, #5 Jr. and #XX Punches

This is a light duty portable punch for limited punching (1.2 tons or less). They're easy to carry in the pocket, on a belt or in a tool box. The No. 5 Jr. punch has a standard 1 3/4" throat depth while No. XX has a deep throat configuration to punch the edge. The XX may be used to punch light channels with 1" minimum inside dimension and 1 3/8" maximum flange. Both punches have optional mounting bases and are also available as kits with a standard assortment of round punches and dies in a durable plastic box.

Optional Punches and Dies

Typical Size Ranges

	Type O	Type M	Type N	Type P	Type R	Type S	Type T	Type D
#5	1/16"- 9/32"	1/8 x 3/16"- 1/4 x 9/32"	1/8 x 3/16"- 1/4 x 9/32"	1/8 x 3/16"- 1/4 x 9/32"	1/8"- 3/16"	5/32"- 7/32"	5/32"- 7/32"	3/16 1/8"- 9/32 x 1/4"
#XX	1/16"- 17/32"	1/8 x 3/16"- 7/16 x 1/2"	18 x 3/16"- 5/16 x 3/8"	1/8 x 3/16"- 7/16 x 1/2"	1/8"- 17/64"	3/16"- 3/8"	3/16"- 3/8"	3/16 x 1/8"- 17/32 x1/2"

Roper Whitney, #7A, #8 Punches

Medium duty Portable Punches are for medium punching power (No. 7A - 2.5 tons and No. 8 - 5 tons.). They are highly portable and of a size that will fit any tool chest or truck locker. The leverage design of these tools allows two hand linear operation. These punches are similar except for punching capacity. They will punch and strip inside a 90° arc movement of the lever. The upper handle will not disengage when moved to either extreme. Options include a bench mounting base and a factory reversal of the upper handle to provide front pull-down operation when the tool's intended use is as a bench mounted

Optional Punches and Dies

Typical Size Ranges

	Type O	Type M	Type N	Type P	Type R	Type S	Type T	Type D
#7A	1/16"- 7/16"	1/8 x 3/16"- 3/8 x 7/16"	1/8 x 3/16"- 1/4 x 11/32"	1/8 x 3/16"- 3/8 x 7/16"	1/8"- 17/64"	5/32"- 3/8"	3/16"- 3/8"	3/16 x 1/8"- 7/16 x 3/8"-
#8	1/16"- 1/2"	1/8 x 3/16"- 7/16 x 1/2"	1/8 x 3/16"- 5/16 x 3/8"	1/8 x 3/16"- 7/16 x 1/2"	1/8"- 11/32"	3/16"- 13/32"	3/16"- 13/32"	3/8 x 1/8" 1/2 x 7/16"

Roper Whitney, #20, #CTL 20

Heavy duty portable punches that operate through ball bearing action and rotary operating motion. No. 20 and CTL 20 are similar, except that the frame around the die pocket of the CTL 20 is machined to allow punching close to the web of angle iron (9/16" from web to center of hole). Options for these tools include a ratchet attachment to permit operation in close quarter, pipe handles to provide adequate leverage with minimal effort.

Optional Punches and Dies

Typical Size Ranges

	Type O	Type M	Type N	Type P	Type R	Type S	Type T	Type D
#20	1/8"- 3/16"	1/8 x 1/4"- 1/2 x 11/16"	1/8 x 1/4"- 3/8 x 9/16"	1/8 x 1/4"- 1/2 x 11/16"	1/8"- 19/16"	3/16"- 19/32"	3/16"- 19/32"	3/16 x 1/8"- 11/16 x 5/8"
#CTL 20	1/8"- 9/16"	1/8 x 1/4"- 7/16 x 1/2"	1/8 x 1/4"- 5/16 x 3/8"	1/8 x 1/4"- 7/16 x 1/2"	1/8"- 11/32"	3/16"- 13/32"	3/16"- 13/32"	3/16 x 1/8"- 9/16 x 1/2"

Punches

A&N Hole Punches

The A&N sheet metal punch enables products to cut faster, cleaner and more efficiently than any other tool.

Some of the features which make the A&N Tool & Die punch so useful are:

Small Size   Fits easily in one hand and small sign openings.

Quick Change   Simply change standard round punch and die sets 1/2" to 1 7/8" fit the same base and pilot pin.

Ease of Use   Operation : (1)Simply drill a small hole through the sheet metal to accommodate the pilot pin.

                     (2)Place sheet metal and punch over the pilot pin and drive through with a few hammer blows.

                       (3)The heat-treated and beveled cutting edge provides a clean-cut hole.

Convenient   Use in the shop or at job site.

Variety   Many shapes and sizes available from 1/2" to 1 7/8" diameter.

Flexibility   The standard round punches and dies all fit the same standard base allowing for great flexibility.

A and N Tool & Die Punch Silhouettes

HM: Uses a 1/4" sq. pilot pin and a replaceable bolt in the punch. Fits Kulka #584/585 & 530-1 &530-2.

Standard: Uses a 1/4" round pilot pin. Sizes range from 1/2" to 1 7/8". All fit the same base.

S2C: Uses two 1/4" round pilot pins. Fits Eagle #4734-2

211:   Uses a 5/16" sq. pilot pin and replaceable bolt in punch. Fits Union #22258-1

Roper Whitney, Portable Notchers 540, 141 and 50 Series

#540 Series

These portable notchers are 90° and 45° blades and dies will fit only 541 and 542 tools. No. 541 features 90˚ blade & die. No.542 features 45˚ blade & die

#141, Portable Notcher

For fast accurate 32˚ notching. Hook nose jaws permit notching to exact depth without slippage and with minimum effort. Spring-return jaws.

#50, Angle Iron Notcher

This angle iron notcher is designed for notching or coping angle iron. No. 50 is portable and can be used in the shop or on the job site. Standard unit has 90° notching blade and die.

Metal Fabricating Equipment

Roper Whitney, Angle Iron Shears #4

The No. 4 shear with its standard blade is expressly designed to cut up to 2" x 2" x 1/4" angle iron (with varying degrees of distortion). A special blade minimizes distortion on up to 2" x 2" x 3/16" mild steel angle iron (with 1/8" thicknesses nearly distortion-free).

Catalog No.	Description
140020040	#4 Shear with standard blade and 72" bar handle.
350004070	Standard replacement blade.
140020041	Shear with 2" x 2" x 1/8" replacement blade.
350004025	Special 2" x 2" x 1/8" replacement blade.
250004150	Base replacement blades (set).
350004060	Replacement die (old style round).
350004007	No. 400 Rod Cutter Replacement Blade.
350004006	No. 400 Rod Cutter Replacement Die.

Roper Whitney, Hand Seamers #44, 44r, 793

•**Handy tools for comparatively light work.**

•**Wide, deep jaws machined for smooth parallel fit.**

•**Form precise fold and seams.**

•**No. 44 has plain 3 1/2" wide blades.**

•**No. 44r is similar with a radius to prevent tearing of aluminum and other light metals.**

•**No. 793 has 3 1/2" wide blade with adjustable depth gauge.**

Roper Whitney, Letter Forming Brake #99

This unique small bending brake, with its slotted jaws and apron, is especially designed for bending sheet metal strips which have one or more bent-up edges or seams already formed; such as forming the "drum return" on metal sign letters. It may also be used for straight bending of sheet metal up to 12" wide.

Wilder, Workhorse Power Slitters

The Wilder Slitters cut evenly through sheet metal, plastic, veneer, truss plates, sheet rock, cardboard and many other types. The double handle lock-up device on the back gauge guarantees the correct position throughout the cut and allows for a quick and simple adjustment to vary the depth of the cut. The Wilder pulls material through the cutters up to 90 feet per minute with no length limitations.

Metal Fabricating Equipment

Rogers, Presshear #10

This machine is both a punch press and shear. It has a cast welded steel frame with jaw and gears that operates on 1HP, 1750 RPM motor. Three phase or single phase available. Foot operated, one-stroke safety clutch. Front is a conventional press and can be used for punching forming; regular die sets will fit this machine. Punches and dies from 1/8 to 1 inch are available; punch can be lowered to material for center punching and will remain until clutch is engaged. Blades are tool steel and ground; can be re-sharpened and adjusted. Punch to back of throat 3" and punch is 2" long with 5/8" Shank. There is a bar hole for lowering punch by hand. Comes equipped with punch guard, blade guard, foot lever guard and gear guard for operator's protection. Up to 48 strokes per minute. Capacity - 18 tons.
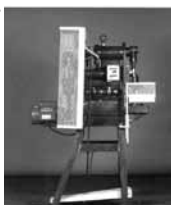
Capacity

2 x 2 x 1/4" Angles	Cap Rails
3/4" Rounds	Punch 3/4" hole thru 1/4" material
3/4" Squares	Stroke 2"
1/4 x 4" Flats	Shut Height 6 1/4"
2 x 1/2 x 1/8" Channel	

Rogers, Presshear #30

This machine is both a punch press and shear. It has a welded steel frame, jaw and gears with a foot operated, one-stroke safety clutch. Operates on 2 HP, 1750 RPM motor - three phase of single phase available. Front is conventional press and can be used for punching or forming. Regular die sets will fit this machine. It has adjustable ram, hold-downs are easily adjusted; blades are tool steel and ground and can be re-sharpened and adjusted. Punches and dies from 1/8" to 1 inch are available. Punch to back of throat 3 5/8". Comes equipped with punch guard, blade guard, foot lever guard and gear guard for operation protection. Up to 48 strokes per minute. 30 ton punch capacity.

Capacity

3 x 3 x 3/8" Angles	Punch 1" hole through 3/8"
1 1/4" Rounds	Stroke 3"
1 1/4" Squares	Shut Height 7 7/8"
3/8" x 6" Flats	3" Channel

Rogers, Press #40

This punch press has a welded steel frame and gears that operates on 2 HP, 1750 RPM motor - three phase or single phase available. It is foot operated, one-stroke safety clutch. Front is conventional press and can be used for punching or forming. Regular die sets will fit this machine. Adjustable ram. Hold-downs easily adjusted. Punches and dies from 1/8 to 1 inch are available. Punch to back of throat 15 inches. Comes equipped with punch guard, foot lever guard and gear guard for operators protection. Up to 48 strokes per minute.
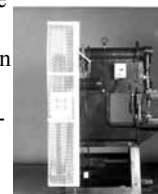
Capacity

Punch 1" hold through 3/8" material	Stroke 3"

Ruoff Notcher

This is a punch press with an adjustable automatic feed. It is precision designed for punching various shapes, along the edge of sheet material. Sheet steel, galvanized iron, aluminum, plastics, cardboard or any material that can be punched can be handled by this machine.
Some of the many uses of the Ruoff Notcher: notched standing collar for duct work, notched standing seam for fittings, notched sections for sign word, and notched flange for metal letters.
This notcher can make 240 notches a minute. Conservatively estimated this is 20 times as fast as hand notching.
By a simple adjustment, the depth of notches can be regulated from 1/8" up to 7/8". Space adjustment is just as easy. Distance between notches can be adjusted from 5/16" to 1 1/8".
The Ruoff Notcher handles all types of flat materials without adjustment. Standard male and female dies provide a 15° notch. Other patterns are available. The Long-Life dies are easily removed and replaced. The punch and die can be sharpened as many as 8 or 10 times.

Panel Saws

Safety Speed Cut, H Series

The H-Series offers full-sized vertical panel saw productivity in economical machines. H-Series saws cut within 1/32" on a wide variety of panel materials up to 1¾" thick, and are available in three standard crosscutting widths, 50", 64" and 73". H-Series saws are used in all kinds of panel processing applications.

Standard Equipment

•3¼ Hp, 15 amp industrial duty saw motor.
•Zinc plated 1¾"steel guide tubes.
•4 Nylatron roller bearing systems.
•Adjustable vertical and horizontal rulers.
•Thin material pressure guard.
•Spring loaded counter balance system.
•Injection-molded plastic material rollers.
•Quick change from vertical to horizontal cutting.

SawTrax, Signmakers Package Series

Sign shops cut a variety of materials from MDO board, plastics, thin sheets of aluminum, Dibond,®, Foam-cor®, Sintra PVC, acrylics, Gatorfoam®, Lexan, plastics, Nu-Alum®, White Wood Smooth, AlumaCorr™, Poly-Metal, SIGNABOND, DIBOND, GATORFOAM, SINTRA, Coroplast®, COREX, more materials. These machines can cut all Sign materials up to 1.75" in both directions, veritically and horizontally with saw or knife. Compared to Mat Cutters that only cut some materials in limited thicknesses in only one direction, they don't restrict what you can use, or what size blank you can make. You no longer need to buy a panel saw and a mat cutter: you can have both in one machine.

The Accessory package included with these machines are:
Stop, Bar and Measuring Tapes
Folding Stand (attached at factory)
Wheels for the frame
Spinning Saw Insert
Dust Collection Kit Upgrade
Spring Hold Down
OLFA Knife Insert

The Standard features also include:
Accu-Square Alignment System,
Sealed Roller Bearings,
Powder Coated Steel Frame, Retraction Mechanism,
Saw Cord Holder,
2 Carriage Locks,
Strip Support,
1/8" Wall Guide Tubes
Makita 5007N Saw,
Saw Cover with blade viewing port,
Horizontal Measuring Tape,
Vertical Measuring Tape with Pointer and Spring Tensioned Band,

Welders

Southern Stud Weld, Capacitor Discharge Stud Welding Systems, Accessories and Equipment

The easiest, fastest way yet of attaching Plexiglas™ to aluminum/Alucobond™ routed frontal faces of fabricated metal signs. Used for structural fabrication, reverse channel letter supports, plexiglass to routered face; tap pad stud for stand off applications, neon tube supports, and reverse channel letter clips. Capacitor Discharge Stud Welders have ball bearing shafts and adjustable spring pressure and are the best units for sign industry applications to prevent reverse side markings.

Southern Stud Weld, TS-308 Complete with Gun and Cables

The TS-308 stud welding system incorporates microprocessor control. The system will automatically adapt itself to supply voltages between 110V-240V and supply frequencies of 50Hz-100Hz.

Southern Stud Weld Soyer BMS-8N Stud Welding System

The BMS-8N is a high quality stud welding system featuring microprocessor control, lightweight and compact design. Southern Stud Weld offers the BMS-8N as a complete welding package, including a PS-1K contact gun, the capacitor power source, all required cables, a complete set of collets and tools, and the operation and maintenance manual all inside a rugged plastic carrying case. Will weld aluminum fasteners up to 1/4" diameter and up to 5/16" diameter in other metals.

Southern Stud Weld, BMS-10N Stud Welding System

The BMS 10N stud welding system is a more powerful CD welder than the smaller 8N. It can weld steel studs up to 3/8" in diameter (5/16" diameter Aluminum). The system is universally adaptable to different welding situations. The microprocessor controller ensures consistent weld parameters.

OTC, MIG-135 Welder

The MIG 135 is the ideal solution for small welding jobs and repairs. This has been a long time favorite seller with sign shops. The MIG 135 utilizes a special weld spool gun, provided by OTC. Since the wire spool is incorporated in the torch, welding is possible up to 25 feet from the power source.
The MIG 135 comes with five separate welding modes: MAG welding of mild steel and aluminum, MIG welding of stainless steel and galvanized, arc spot welding.By utilizing small wire diameters of .025" and .030", the MIG 135 is capable of high speed welding for extremely thin materials, thereby eliminating slow, more tedious TIG processes.

High Performance Vinyl

Gerber 220 Series

High performance 2 mil cast vinyl specifically developed for Gerber by 3M for optimal Gerber EDGE printing and for vinyl cutting, weeding and application. Clear, pressure sensitive adhesive allows production of attractive two-way markings. Excellent durability with five to eight-year exterior life. *Available in 15" and 30".*

Gerber 220	1 yd	10 yds	50 yds
15" Black/White	5.82	38.90	155.50
15" Colors	6.62	44.20	176.50
15" Metallics	6.62	44.20	176.50
30" Black/White	11.62	77.50	310.00
30" Colors	13.23	88.20	353.00
30" Metallics	13.23	88.20	353.00

MATTE WHITE #20	APRICOT #64	ROYAL PURPLE #38	KELLY GREEN # 46
WHITE #10	CORAL #94	PURPLE #48	BRIGHT GREEN # 186
ANTIQUE WHITE #90	DARK CORAL #104	ROYAL BLUE #87	CACTUS GREEN #266
EGGSHELL #130	LIGHT ORANGE #54	NAVY #27	DARK GREEN # 56
OYSTER #100	BRIGHT ORANGE #14	LIGHT NAVY #197	EUCALYPTUS #296
PALM OYSTER #21	INTENSE ORANGE #134	DARK BLUE #397	FOREST GREEN #66
PEARL GREY #11	TERRA COTTA #24	SHADOW BLUE #177	BOTTLE GREEN #276
MEDIUM GREY #31	SALMON PINK #173	WEDGEWOOD BLUE #187	CLEAR ENAMEL RECPT. #114
TRAFFIC GREY#151	MAUVE #193	SAPPHIRE BLUE #37	MET SAGE GREEN #216
DARK GREY #41	MAGENTA #103	WILD BLUE #17	MET PINE GREEN #206
NIMBUS GREY #101	PROCESS MAGENTA #273	MATTE BLUE #407	MET DARK BLUE #217
MATTE BLACK #22	WARM RED #253	INTENSE BLUE #47	MET BRIGHT BLUE #227
BLACK #12	MATTE RED #223	PERIWINKLE #387	MET SILVER BLUE #237
DURANDOC #69	PERF. MATCH RED #263	OLYMPIC BLUE #57	MET CHARCOAL #211
DEEP MAHOG BROWN #19	ATOMIC RED #293	SKY BLUE #417	MET SLATE #201
RUSSET BROWN #29	TOMATO RED #13	PEACOCK BLUE #77	MET BURGUNDY #208
SADDLE BROWN #139	GERANIUM #63	ROBIN EGG BLUE #86	MET LIGHT ROSE #218
SANDSTONE #89	CARDINAL RED #53	POWDER BLUE #347	MET DARK BROWN #209
TAN #39	CRANBERRY #283	AQUA # 176	MET COPPER #229
BEIGE #49	BURGUNDY #58	DARK AQUA #307	MET LIGHT GOLD #231
FAWN #99	DARK BURGUNDY #68	BLUE BIRD #337	MET GOLD #131
PRIMROSE YELLOW #135	DARK VIOLET #98	TEAL #96	MET SILVER #120
BRIGHT YELLOW #15	DARK MAGENTA #163	CELESTIAL BLUE #367	
SUNFLOWER #25	RASPBERRY #133	BERMUDA BLUE #357	
CHROME YELLOW #145	VIOLET #88	APPLE GREEN #196	
IMITATION GOLD #105	PALE LAVENDER #138	JADE GREEN #286	

Avery 900 Series Supercast Opaque

Avery SC 900 Opaque series is a high performance film featuring a high gloss finish, easy cutting and weeding and excellent durability. *Available in 15" and 30" Perforated; 24" Non-perforated.*

Avery 900 Opaque	1 yd	10 yds	50 yds
15" Black/White	6.41	42.80	171.00
15" Colors	7.36	49.10	196.50
24" Black/White	10.26	68.40	273.50
24" Colors	11.77	78.50	314.00
30" Black/White	12.82	85.50	342.00
30" Colors	14.71	98.10	392.50

WHITE #101	PARCHMENT #905	BLOSSOM #515	SAPPHIRE BLUE #680
MATTE WHITE #102	ALMOND #910	MAGENTA #530	PROCESS BLUE #682
CLEAR #103	BEIGE #920	PROCESS MAGENTA #511	LIGHT NAVY #690
MATTE CLEAR #104	DARK BEIGE #921	PANTONE VIOLET #513	DARK BLUE #695
TRUE WHITE #105	PUTTY #935	RASPBERRY #535	DARK NAVY BLUE #697
LIGHT GRAY #810	CAMEL #940	PLUM #540	DARK AQUA #705
PALM OYSTER #820	IMITATION GOLD #253	DEEP PURPLE #550	LIGHT SAGE #709
LIGHT ASH GRAY #825	PANTONE #466C	PURPLE #565	SPECTRA EVERGLADE #710
SLATE GRAY #830	TERRA COTTA #960	LAVENDER #575	REAL TEAL #715
MEDIUM GRAY #835	SANDSTONE #965	COPENHAGEN #605	TEAL #720
PEWTER #804	BUCKSKIN #970	CADET BLUE #615	PANTONE #354C
DARK GRAY #855	COCOA #978	SHADOW BLUE #620	DARK TEAL #730
MED MARINE GRAY #860	BROWN #995	MAJESTIC BLUE #625	LIME AID #732
PANTONE 877C	WARM RED #404	PANTONE #285C	AQUAMARINE #733
MATTE BLACK #180	PANTONE #1797C	PANTONE #286C	PANTONE #375C
BLACK #190	PANTONE RED #032C	NAUTICAL BLUE #635	VIBRANT GREEN #755
LUMINOUS YELLOW #202	TANGERINE #315	LIGHT BLUE #640	APPLE GREEN #760
BUTTER #205	REAL RED #417	PEACOCK BLUE #645	OLIVE GREEN #765
PROCESS YELLOW #206	LUMINOUS RED #418	POWDER BLUE #650	KELLY GREEN #770
PANTONE 109C	PANTONE #485C	BUTTERFLY BLUE #652	GROW GREEN #772
CANARY YELLOW #220	TOMATO RED #425	MEDIUM BLUE #655	BRIGHT GREEN #775
MEDIUM YELLOW #230	CARDINAL RED #430	PANTONE #292C	FOREST GREEN #785
SUNFLOWER #240	FIRE RED # 445	PANTONE #293C	DEEP GREEN #790
DARK YELLOW #250	DARK RED #450	INTENSE BLUE #665	DARK GREEN #793
APRICOT #355	SPECTRA RED #460	VIVID BLUE #670	POLO GREEN #795
ORANGE #360	APPLE RED #465	INTERSTATE BLUE #675	
PANTONE #362C	BURGUNDY #470	PANTONE #300C	
BRIGHT ORANGE #380	BURGUNDY MAROON #480	REFLEX BLUE #679	

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

High Performance Vinyl

Arlon 2100/2200 Series ARLON

This 2 mil cast film is extra-formable, thereby providing exceptional conformability, even on deep recesses and channel construction on vans. The advanced adhesive system is designed to perform well on a wide variety of substrates, including rigid sign faces, banners and painted metal. Series 2100 is now available in 83 vibrant colors.
2100 Series (Non-perforated) widths: 24"and 48"
2200 Series (Perforated) widths: 15" and 30"

Arlon 2100/2200	1 yd	10 yds	50 yds
15" Black/White	5.81	38.70	132.50
15" Colors	6.66	44.40	152.50
15" Metallics	7.98	53.20	213.00
24" Black/White	9.27	62.20	212.00
24" Colors	10.64	70.90	243.50
24" Metallics	12.77	85.10	340.50
30" Black/White	11.57	77.10	265.00
30" Colors	13.31	88.60	304.50
30" Metallics	15.96	106.40	425.50
48" Black/White	18.51	123.30	423.50
48" Colors	21.29	142.00	487.00
48" Metallics	25.03	166.90	667.50

MATTE WHITE #49	DARK MAGENTA #58	MIDNIGHT BLUE #65	DARK GREEN #24
WHITE #02	HOT PINK #56	DARK BLUE #11	FOREST GREEN #86
CLEAR #00	RASPBERRY #82	IMITATION GOLD #59	BOTTLE GREEN #230
LEMON YELLOW #105	VIOLET #63	MET GOLD #04	AQUA GREEN #87
PRIMROSE YELLOW #67	LAVENDER # 75	PEARL #120	MINT GREEN #88
YELLOW #06	ROYAL PURPLE #74	OYSTER #26	AQUA BLUE #89
LIGHT ORANGE # 97	BRIGHT PURPLE #99	EGGSHELL #84	TEAL #71
BRIGHT ORANGE #83	PURPLE #62	BEIGE #68	DK BAHAMA BLUE #53
TANGERINE #96	WEDGEWOOD BLUE #92	FAWN #27	SLATE GREEN #98
POPPY #73	ARUBA BLUE #51	CAMEL BEIGE #48	PALM OYSTER GRAY #70
PERF. MATCH RED #220	OCEAN BLUE #31	SANDUST CLAY #94	TITANIUM #81
PEACOCK RED #223	OLYMPIC BLUE #18	CORAL #78	DOVE GRAY #28
TOMATO RED #14	AZURE BLUE #32	TERRA COTTA #280	GRAPHITE #80
GERANIUM #221	INTENSE BLUE #250	COCOA #85	MEDIUM GRAY #50
BRT CARDINAL RED #60	MET MEDIUM BLUE #37	BROWN #08	MET SILVER #07
CARDINAL RED #42	BLUE #05	MET BROWN #35	MET SMOKE #21
RED #01	SAPPHIRE BLUE #17	KIWI #79	DARK GRAY #52
BURGUNDY #12	MEDIUM BLUE #66	APPLE GREEN #69	MET CHARCOAL #23
MET BURGUNDY #39	MET DARK BLUE #30	KELLY GREEN #61	MATTE BLACK #40
MAGENTA #76	LIGHT NAVY #93	MEDIUM GREEN #106	BLACK #03

3M 7725 Series 3M

3M 7725 series is a 2 mil film designed for permanent graphics that may be electronically cut, screen printed or used in narrow width thermal transfer printing systems. This film is the same color on both sides and has a transparent synthetic liner that resists moisture absorption and static buildup, lays flat for easier assembly of multicolor graphis and allows for superior cutting and weeding. *Available in 24" and 48".*

3M 7725	1 yd	10 yds	50 yds
24" Black/White	11.18	74.60	298.50
24" Colors	12.99	86.60	346.50
24" Dusted	22.26	148.40	594.00
48" Black/White	22.36	149.10	596.50
48" Colors	25.98	173.20	693.00
48" Dusted	44.52	296.800	1187.50

MATTE WHITE #020	VISTA YELLOW #85	DARK VIOLET #98	BRIGHT GREEN #186
WHITE #10	BRIGHT YELLOW #15	VIOLET #88	DARK GREEN #56
ANTIQUE WHITE #90	SUNFLOWER #25	ROYAL PURPLE #38	FOREST GREEN #66
EGG SHELL #130	HARVEST GOLD #105	PURPLE #48	BOTTLE GREEN #276
PEARL GREY #11	APRICOT #64	WEDGEWOOD BLUE #187	INDIGO #27
MEDIUM GREY #031	LIGHT ORANGE #54	SAPPHIRE BLUE #37	LIGHT NAVY #197
DARK GREY # 41	BRIGHT ORANGE #14	VIVID BLUE #17	SHADOW BLUE #177
MATTE BLACK #22	TERRA COTTA #24	INTENSE BLUE #47	SATIN GOLD #131
BLACK #12	SALMON PINK #173	OLYMPIC BLUE #57	SATIN SILVER #120
PUTTY #59	MAUVE #193	PEACOCK BLUE #77	CLR ENAMEL RECEPTIVE #114
DEEP MAHOG BROWN #19	MAGENTA #103	ROBIN EGG BLUE #86	DUSTED CRYSTAL #314
RUSSET BROWN #129	PROCESS MAGENTA #273	AQUA #186	FROSTED CRYSTAL #324
SADDLE BROWN #139	PERF. MATCH RED #263	DARK AQUA #307	FROST GOLD CRYSTAL #331
SANDSTONE #89	TOMATO RED #13	TEAL #96	FROST ROSE CRYSTAL #323
TAN #39	GERANIUM #63	BERMUDA BLUE #357	FROST MINT CRYSTAL #326
BEIGE #49	CARDINAL RED #53	APPLE GREEN #196	FROST BLUE CRYSTAL #327
FAWN #99	BURGUNDY #58	KELLY GREEN #46	

Calendered Vinyl

Gerber Quantum 2000 Series QUANTUM™ Marking Films *Best of Class*

This 3.6 mil polymeric calendered vinyl is formulated to provide optimum cutting, weeding, printing and release results. It is intended for a wide variety of interior and exterior cut-film applications, and has been designed to work with Gerber Digital Color Printing Systems and Gerber Color Foils. *Available in 15", 24" and 30".*

Gerber Quantum 2000	1 yd	10 yds	50 yds
15" All Colors	2.43	16.30	65.00
30" All Colors	4.86	32.50	130.00

WHITE	YELLOW	OLYMPIC BLUE	DARK GREEN
MATTE WHITE	RED	TEAL	GOLD
BLACK	TOMATO RED	SAPPHIRE BLUE	SILVER
MATTE BLACK	ORANGE	BLUE	
BROWN	PURPLE	NAVY	
BEIGE	BURGUNDY	GREEN	

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Calendered Vinyl

Avery 500 Promo Calendered Opaque

Avery 500 Promo film is a cost-effective, intermediate, high gloss vinyl designed for medium term general signage and is available in 30 colors. *Available in 15", 24" and 30".*

Avery 500	1 yd	10 yds	50 yds
15" Black/White	1.79	12.00	48.00
15" Colors	1.99	13.30	53.00
24" Black/White	2.87	19.10	76.50
24" Colors	3.18	21.30	85.00
30" Black/White	3.58	23.90	95.50
30" Colors	3.98	26.60	106.00

WHITE #101	CANARY YELLOW #220	GERANIUM RED #435	MARINER BLUE #689
CLEAR #103	APRICOT #355	MERLOT #475	DARK NAVY BLUE #697
TRUE WHITE #105	PIZZAZZ ORANGE #359	TROPICAL PINK #512	LIME #759
SILVER #801	AUTUMN ORANGE #379	MEDIUM BLUE #655	CACTUS GREEN #773
BLACK #190	GOLD #215	AZURE BLUE #662	MOUNTAIN GREEN #774
BRIGHT YELLOW #208	MEDIUM RED #415	FLEX BLUE #664	FOREST GREEN #785
STONE YELLOW #209	CHERRY RED #420	INTERSTATE BLUE #675	
PRIMROSE YELLOW #210	CARDINAL RED #430	ROYAL BLUE #683	

Arlon 4500 CalPlus Series

Arlon 4500 CalPlus is a 3 mil satin finish calendered film that is great for banners, interior and exterior graphics. Available in 32 colors with up to 6 years outdoor durability. *4500 Series (non-perforated) widths: 20" and 24". 4550 Series (perforated) widths: 15" and 30".*

Arlon 4500/4550	1 yd	10 yds	50 yds
15" Black/White	2.12	14.20	47.50
15" Colors	2.35	15.70	53.00
20" Black/White	2.82	18.80	75.50
20" Colors	3.05	20.30	81.50
24" Black/White	3.40	22.60	76.00
24" Colors	3.77	25.10	84.50
30" Black/White	4.23	28.30	95.00
30" Colors	4.70	31.40	105.50

DAISY YELLOW #68	ROSE #31	BROWN #08	MATTE BLACK #40
YELLOW #06	PURPLE #10	FLUORITE GREEN #43	BLACK #03
GOLD MEDAL #04	MISSION BLUE #36	SPRING GREEN #60	TUSK #41
ORANGE #09	BLUE #05	GREEN #11	MATTE WHITE #49
FIRE RED #33	ROYAL BLUE #50	MEDIUM GREEN #61	WHITE #02
RED #01	BLUEBERRY #37	IMPERIAL GREEN #35	GOLD METAL #04
BURGUNDY #12	DARK BLUE #30	CLOUD GRAY #34	
COTTON CANDY #32	TEAL #71	SILVER #07	

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Arlon 5000 Series

Arlon 5000 Series is an ultra thin 2.8 mil calendered film that has a high gloss finish and is ideal for signs, graphics or displays requiring vibrant colors. This film provides excellent cutting and weeding for improved productivity and has up to 6 years outdoor durability. *5000 Series (non-perforated) widths: 24" and 48". 5050 Series (perforated) widths: 15" and 30".*

Arlon 5000	1 yd	10 yds	50 yds
15" Black/White	1.78	11.90	47.50
15" Colors	1.98	13.20	53.00
24" Black/White	2.85	19.00	76.00
24" Colors	3.16	21.10	84.50
30" Black/White	3.56	23.80	95.20
30" Colors	3.95	26.40	105.50

DAISY YELLOW 168	BURGUNDY #112	GREEN #111	GRAY #140
LEMON YELLOW #116	PURPLE #110	IMPERIAL GREEN #135	CLOUD GRAY #134
YELLOW #106	DARK PURPLE #176	FOREST GREEN #186	LIGHT GRAY #149
LIGHT ORANGE #119	OLYMPIC BLUE #118	BROWN #108	BLACK #103
ORANGE #109	MEDIUM BLUE #198	TERRA COTTA #180	WHITE #102
TOMATO RED #114	BLUE #105	IMITATION GOLD #159	CLEAR #100
FIRE RED #133	BLUEBERRY #137	BEIGE #182	
RED #101	VIKING BLUE #193	GOLD MEDAL #104	
CARDNAL RED #160	TEAL #171	SILVER #107	
DARK RED #173	SPRING GREEN #164	DARK GRAY #150	

3M SC50 Series

This 3 mil film is intended for making permanent graphics with up to five years durability in both indoor and outdoor applications. It is removable with heat for up to three years after application. Film series 50 may be printed with thermal mass transfer and electronically cut. It has a clear pressuresensitive adhesive and is available in 28 colors, including transparent. *Available in 15", 24", 30" and 48".*

3M SC50	1 yd	10 yds	50 yds
15" Black/White	2.17	14.50	58.00
15" Colors	2.40	16.00	64.00
24" Black/White	3.47	23.20	92.50
24" Colors	3.83	25.60	102.50
30" Black/White	4.34	28.90	116.00
30" Colors	4.79	31.90	128.00
48" Black/White	6.94	46.30	185.00
48" Colors	7.66	51.10	204.50

TRANSPARENT #11	MATTE BLACK #120	BURGUNDY #49	DARK GREEN #78
WHITE #10	BROWN #92	BRIGHT ORANGE #34	TEAL #79
MATTE WHITE #100	GOLD #54	SUNFLOWER #27	LIGHT BLUE #82
LIGHT GREY #94	BEIGE #914	LEMON YELLOW #24	AZURE BLUE #84
NIMBUS GREY #97	PINK #64	GRASS GREEN #73	SAPPHIRE BLUE #88
SILVER #58	LIGHT RED #44	BRIGHT GREEN #745	DEEP NAVY BLUE #90
BLACK #12	DARK RED #483	MEDIUM GREEN #76	PURPLE #66

Translucent Vinyl

Gerber 230 Series

High performance 3 mil cast vinyl designed for use on internally illuminated signs, awnings and window graphics. Features uniform color with a surface finish to eliminate glare. Five-year exterior life except Metallic Gold and Gold Nugget, which have a three-year exterior life. *Available in 15" and 30".*

Gerber 230	1 yd	10 yds	50 yds
15" All Colors	13.70	91.40	365.50
30" All Colors	27.05	180.40	721.50

WHITE #20	MULBERRY #118	METALLIC GOLD #131	TURQUOISE #236
IVORY #005	VIVID ROSE #78	SUNFLOWER #25	DARK BLUE #36
LIGHT BEIGE #149	PINK LAVENDER #108	MANGO #125	ROYAL BLUE #87
SILVER #121	CARDINAL #53	YELLOW #015	COBALT BLUE #157
SILVER GREY #51	DARK RED #73	LEMON YELLOW #115	DELFT BLUE #97
SHADOW GREY #71	SCARLET RED #83	EMERALD GREEN #126	BLUE #167
SLATE GREY #61	RED #33	HOLLY GREEN #76	INTENSE BLUE #127
BLACK #22	LIGHT TOMATO RED #43	GREEN #26	PROCESS BLUE #337
RUST BROWN #63	POPPY RED #143	BRIGHT JADE GREEN #116	DEEP SKY BLUE #147
DARK BROWN #59	ORANGE #44	VIVID GREEN #156	OLYMPIC BLUE #57
DURANDOC #69	TANGERINE #84	KELLY GREEN #46	PLUM PURPLE #128
BURGUNDY #49	KUMQUAT #74	APPLE GREEN #106	
RASPBERRY #133	GOLD NUGGET #141	TEAL #246	

Avery 900 Ultimate Cast Translucent

Avery's high performance translucent film. *Available in 15",24", 30" and 48"*

Avery 900 UC Translucent	1 yd	10 yds	50 yds
15" All Colors	12.65	84.40	337.50
24" All Colors	20.40	134.90	540.00
30" All Colors	25.29	169.70	674.50
48" All Colors	40.47	269.80	1,079.50

WHITE #101	PANTONE #155C	PANTONE #214C	TWILIGHT BLUE #691
PANTONE #427C	PANTONE #466C	PANTONE #2622	REAL BLUE #692
PANTONE #430C	GOLDEN NUGGET #27	PANTONE #266C	PANTONE #2747
PANTONE #877C	PANTONE #412C	PANTONE #274C	PANTONE #321C
PROCESS BLACK #181	PANTONE #186C	PANTONE #277C	PANTONE #322C
PANTONE #012C	PANTONE #485C	PANTONE #279	PANTONE #354C
PANTONE #109C	LIGHT TOMATO RED #424	PANTONE #285C	PANTONE #375C
PANTONE #116C	PANTONE #200C	PANTONE #290C	REAL GREEN #741
PANTONE #1235C	CARDINAL RED #430	PANTONE #3005C	PANTONE #355C
PANTONE #1655C	RED #440	PANTONE #2945	PANTONE #7483
ORANGE #360	POINSETTIA #443	PANTONE #288C	PANTONE #349C
PANTONE #7500C	PANTONE #188C	COBALT BLUE #686	HOLLY GREEN #792
VIVID GOLD #249	BURGUNDY #470	PANTONE #281C	

Arlon 2500 Series

Series 2500 is a premium 2 mil cast vinyl designed for internally illuminated signage. Available in 61 standard colors, Series 2500 features excellent color consistency, superior release and weedablity and is compatible with a wide variety of rigid and flexible substrates.
2500 Series (non-perforated) widths: 24" and 48".
2550 Series (perforated) widths: 15" and 30".

Arlon 2500/2550	1 yd	10 yds	50 yds
15" Black	7.58	50.50	202.00
15" Colors/White	9.98	66.60	266.00
24" Black	13.68	91.20	323.50
24" Colors/White	18.01	120.00	426.00
30" Black	12.12	121.20	606.00
30" Colors/White	15.97	159.70	798.50
48" Black	23.72	158.10	561.00
48" Colors/White	35.76	237.80	843.50

YELLOW #2037	RED #2510	BLUE #2930	GREEN #2586
YELLOW #15	DARK RED #73	BRIGHT BLUE #67	LIGHT KELLY GREEN #146
YELLOW #1090	CARDINAL RED #253	BLUE #2051	VIVID GREEN #156
BRIGHT YELLOW #525	RED #2283	BRISTOL BLUE #97	GREEN #26
GOLDEN YELLOW #125	BURGUNDY #49	SULTAN BLUE #157	GREEN #4028
SUNFLOWER #025	VIVID ROSE #78	BLUE #2870	HOLLY GREEN #76
TANGERINE #84	RASPBERRY #133	IMPERIAL BLUE #557	GREEN #2108
ORANGE #2119	PLUM #128	BLUE #2940	SILVER GRAY #51
ORANGE #44	RUST BROWN #63	DARK BLUE #36	SHADOW GRAY #71
RED #2662	DARK BROWN #59	BLUE #2114	WHITE #20
FIRE RED #415	DURANODIC #69	ROYAL BLUE #87	IVORY #05
POPPY RED #143	BLACK #22	TURQUOISE #236	METALLIC GOLD #131
LIGHT TOMATO #43	OLYMPIC BLUE #57	TEAL #246	DK TEAL #103
REGAL RED #83	PROCESS BLUE #337	DARK AQUA #307	OLIVE GREEN #112
RED #33	INTENSE BLUE #127	BRILLIANT GREEN #106	
MARIGOLD #169			
ORANGE CRUSH #244			

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Translucent Vinyl

3M 3630 Series

3M 3630 is a 2 mil film used to produce permanent, interior or exterior graphics for internally-illuminated sign faces and awnings. It has clear, pressure-sensitive adhesive and a synthetic liner that resists water. It is available in more than 50 colors, many with simulated PANTONE® references. *Available in 24" and 48".*

3M 3630	1 yd	10 yds	50 yds
24" Black	11.10	63.50	285.00
24" Colors	19.30	110.30	495.00
48" Black	22.20	126.90	569.50
48" Colors	38.59	220.50	989.50

WHITE #20	INTENSE MAGENTA #118	METALLIC GOLD #131	BLUE #36
IVORY #005	VIVID ROSE #78	SUNFLOWER #25	ROYAL BLUE #87
LIGHT BEIGE #149	PINK #108	GOLDEN YELLOW #125	SULTAN BLUE #157
SILVER #121	CARDINAL RED #53	YELLOW #015	BRISTOL BLUE #97
SILVER GREY #51	DARK RED #73	LT LEMON YELLOW #115	BRIGHT BLUE #167
SHADOW GREY #71	REGAL RED #83	DK EMERALD GREEN #126	EUROPEAN BLUE #137
SLATE GREY #61	RED #33	HOLLY GREEN #76	INTENSE BLUE #127
BLACK #22	LIGHT TOMATO RED #43	GREEN #26	PROCESS BLUE #337
LIGHT RUST BROWN #109	POPPY RED #143	LIME GREEN #136	LT EUROPEAN BLUE #147
RUST BROWN #63	ORANGE #44	BRIGHT JADE GREEN #116	OLYMPIC BLUE #57
DARK BROWN #59	TANGERINE #84	VIVID GREEN #156	EVENING BLUE #317
DURANODIC #69	MARIGOLD #75	LIGHT KELLY GREEN #146	PLUM PURPLE #128
BURGUNDY #49	KUMQUAT #74	BRILLIANT GREEN #106	
RASPBERRY #133	GOLD NUGGET #141	TEAL GREEN #246	
ROSE MAUVE #68	BRONZE #129	TURQUOISE #236	

Reflective Vinyl

3M 680 Series

This permanent 7 mil, flexible, enclosed lens, retroreflective film has slideable, pressure-activated adhesive, excellent angularity and up to 9 years durability. Available in 11 colors, use it for commercial vehicle, railroad and bus graphics, sign graphics, and striping. *Available in 24" and 48".*

3M 680	1 yd	10 yds	50 yds
24" White	40.55	231.80	1,081.50
24" Colors	43.98	251.30	1,173.00
48" White	81.10	463.40	2,162.50
48" Colors	87.95	502.60	2,345.50

GOLD #64	RED #72	YELLOW #71	BLUE #75
BLACK #85	ORANGE #14	GREEN #77	WHITE #10
RUBY RED #82	LEMON YELLOW #81	LIGHT BLUE #76	

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

3M 5100R Series

This 7 mil flexible, enclosed lens, engineer grade, retroreflective film has excellent angularity, up to 7 years durability, is designed for superior cutting and weeding, and removes with heat. Available in 15 colors, use it for cut letters, decals, vehicle marking and graphics. *Available in 15", 24", 30" and 48".*

3M 5100 R	1 yd	10 yds	50 yds
15" White	16.53	110.30	441.00
15" Colors	17.86	119.10	476.50
24" White	26.45	176.40	705.50
24" Colors	28.57	190.50	762.00
30" White	33.06	220.50	882.00
30" Colors	35.71	238.10	952.50
48" White	52.90	352.70	1,411.00
48" Colors	57.31	380.90	1,523.50

GOLD #64	RED #72	YELLOW #71	BLUE #75
BLACK #85	ORANGE #14	GREEN #77	WHITE #10
RUBY RED #82	LEMON YELLOW #81	LIGHT BLUE #76	ROYAL PURPLE #74
BROWN #79	RICH GOLD #65	LIGHT GREEN #78	

Gerber 280 Series

Series 280 7.5 mil reflective sheeting is designed for markings requiring high visibility, both day and night. The material has good flexibility and provides excellent conformance to flat or moderately curved substrates. Seven-year exterior life on all colors except five-year exterior life on black. *Available in 15" and 30".*

Gerber 280	1 yd	10 yds	50 yds
15" All Colors	26.28	175.20	701.00
30" All Colors	52.55	350.30	1,401.50

GOLD #64	RED #72	YELLOW #71	BLUE #75
BLACK #85	ORANGE #14	GREEN #77	WHITE #10
RUBY RED #82	LEMON YELLOW #81	LIGHT BLUE #76	

Arlon 2450 Series

Series 2450 reflective vinyl film provides exceptional flexibility, allowing it to remain conformable during complex work on irregular surfaces. It offers superior cutting and excellent weedability for the widest range of graphics. The product reflectivity meets Federal Department of Transportation requirements and remains stable through the life of the product. *Available in 15" and 30".*

Arlon 2450	1 yd	10 yds	50 yds
15" White/Colors	18.19	121.30	485.00
15" Black/Gold	19.38	129.20	517.00
30" White/Colors	36.37	242.50	970.00
30" Black/Gold	38.75	258.40	1033.50

GOLD #04	RED #01	YELLOW #06	BLUE #05
BLACK #03	DK ORANGE #10	GREEN #11	WHITE #02

Edge Foils

Gerber Edge Foils

Developed as a part of Gerber's Matched Technology System, GerberColor™ foils are performance tuned and designed to provide optimal results on Gerber Edge and Edge 2 and Edge FX printers.

Edge & Edge 2 Foils	25 Meter	45 Meter	75 Meter
Spot Color Foils	N/A	89.26	N/A
Process Foils	N/A	89.26	N/A
Transparent Foils	N/A	103.33	N/A
Medal Foils	146.02	N/A	N/A
Jet Black	N/A	100.24	N/A
Floodcoat White	N/A	100.24	N/A
Matte Clear	70.57	N/A	N/A

Edge FX Foils	15 Meter	45 Meter	91Meter
Spot Color Foils	43.37	94.99	173.15
Process Foils	N/A	94.99	173.15
Transparent Foils	56.42		N/A
Medal Foils	146.02	N/A	N/A
Jet Black	N/A	89.26	N/A
Floodcoat White	N/A	99.45	N/A
Abrasion Guard	N/A	N/A	173.15
Matte Clear	50.49	N/A	N/A

Spot Colors

WHITE GCS-10	LIME GREEN GCS-616	BURGUNDY GCS-58	TEAL GCS-96
BLACK GCS-12	SUNFLOWER YELLOW GCS-625	RASPBERRY GCS-133	APPLE GREEN GCS-196
LIGHT GREY GCS-681	IMITATION GOLD GCS-105	LIGHT PURPLE GCS-668	GREEN GCS-186
GREY GCS-31	KUMQUAT GCS-74	PURPLE GCS-38	KELLY GREEN GCS-46
DARK GREY GCS-641	ORANGE GCS-14	PEACOCK BLUE GCS-77	DARK GREEN GCS-56
VIOLET PURPLE GCS-628	TERRA COTTA GCS-24	OLYMPIC BLUE GCS-57	FOREST GREEN GCS-66
BROWN GCS-19	PINK GCS-643	INTENSE BLUE GCS-47	SILVER GCS-620
TAN GCS-39	INTENSE RED GCS-663	NAVY GCS-627	GOLD GCS-631
BEIGE GCS-49	TOMATO RED GCS-13	COBALT BLUE GCS-37	COPPER GCS-629
LEMON YELLOW GCS-155	RUBY RED GCS-53	AQUA GCS-176	CHAMPAGNE GOLD GCS-601
YELLOW GCS-15	BRICK RED GCS-603	ROYAL REFLEX GCS-687	TRAFFIC GREY GCS-151
ATOMIC RED GCS-293	LIGHT NAVY GCS-697	VIVID BLUE GCS-017	

Transparent Colors

YELLOW GCT-625	TOMATO RED GCT-13	SAPPHIRE BLUE GCT-37	BROWN GCT-629
ORANGE GCT-614	BURGUNDY GCT-49	BLUE GCT-617	GOLD GCT-105
RED GCT-643	PLUM PURPLE GCT-128	GREEN GCT-116	

Process Colors

YELLOW GCP-805	CYAN GCP-807
MAGENTA GCP-873	BLACK GCP-812

Medal Colors

SILVER GCM-720	BLUE GCM-747
GOLD GCM-731	PLATINUM GCM-730
RED GCM-783	

Extra Edge FX™ Caddy

Accomodates 15m, 45m and 91m.
.64934 $24.95

Thermal Materials

R Tape/SEF FlexCut

FlexCut is an exclusive heat transfer flex-film, suitable for plotter cutting. Made of 100% polyurethane, FlexCut gives a very thin, stretchable and resistant decoration, offering an amazingly soft and glazed surface. Available in 15"x10 yd rolls.

R Tape/SEF FlexCut Sticky

FlexCut Sticky is a PVC free – water based – 100% Polyurethane heat transfer film.

FlexCut Sticky has a low tack sticky carrier allowing very fine cutting and fast weeding. Available in 15" x 10 yd rolls.

R Tape/SEF FlexCut Sweet

FlexCut Sweet is a "screen printing like" 100% polyurethane heat transfer film.
FlexCut Sweet has a "non-sticky" liner. Very stretchable and incredibly soft – great "screen printing" effect. Available in 15"x10yd rolls.

R Tape/SEF Tattoo

TATOO is the achievement of years of R&D on printable polyurethanes. Suitable for eco-solvent and solvent printing. Very light, very stretchable with high washing fastness. TATOO is PVC free. Available in 15"x10yd rolls.

R Tape/SEF ClearFlex

ClearFlex is a transparent polyurethane flex film, developed for ecosolvent or solvent inks. Extra light and stretchable, ClearFlex offers a great solution for all white fabrics.

Once printed and applied ClearFlex is so thin and stretchable that it almost feels like a screen printed image. Available in 15"x10yd rolls.

R Tape/SEF VelCut

Velcut EVO is a high-quality heat sealable flock-film for plotter-cutting. It has been for years a confirmed best seller. Very easy to cut and peel off, it comes in a wide range of colours.

Velcut Premium offers incredibly high resistances and it answers positively the most severe ecological requirements. Available in 15"x10yd rolls.

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Thermal Materials

RTape/SEF Color Selection Guide

FlexCut Sticky STD and GITD

Transfer Temperature	Transfer Time	Transfer Pressure
165°C (330°F)	17 seconds	Medium pressure on cotton Medium/High pressure on polyester
Cotton, Polyester, PolyCotton...		
Hot peel		
Washing : 60°C (140+°F)		

FlexCut Sticky LT

Transfer Temperature	Transfer Time	Transfer Pressure
115°C (240°F)	17 seconds	Medium pressure on cotton Medium/High pressure on polyester
Cotton, Polyester, PolyCotton...		
Hot Peel		
Washing : 40-60°C (104-140°F)		

FlexCut Sticky Nylon

Transfer Temperature	Transfer Time	Transfer Pressure
115°C (240°F)	15 seconds	Medium pressure
Nylon, Coated fabrics...		
Cold Peel		
Washing : 40°C (104°F)		

FlexCut Sticky PUFF

Transfer Temperature	Transfer Time	Transfer Pressure
165°C (330°F)	18 seconds	Low/very low pressure
Cotton, Polyester, PolyCotton...		
Hot/warm Peel		
Washing : 40°C (104°F)		

FlexCut Sticky SubliBlock

Transfer Temperature	Transfer Time	Transfer Pressure
115°C (240°F)	17 seconds	Medium/High pressure
Polyester fabrics		
Hot Peel		
Washing : 60°C (140°F)		

FlexCut SWEET

Transfer Temperature	Transfer Time	Transfer Pressure
165°C (330°F)	17 seconds	Medium pressure on cotton Medium/High pressure on polyester
Cotton, Polyester, PolyCotton...		
Warm Peel	3 seconds	
Washing : 60°C (140°F)		

*colours may be added – ask your dealer
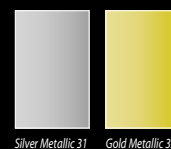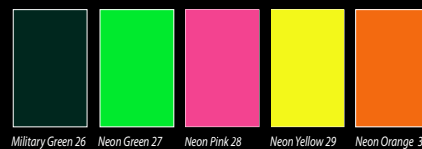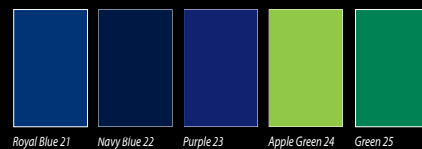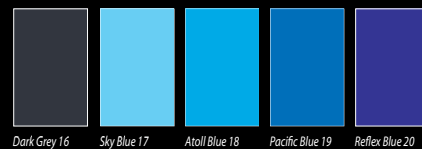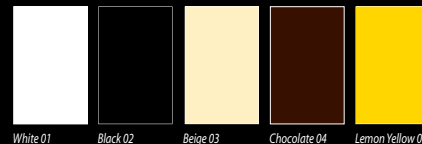
Cut

White 01   Black 02   Beige 03   Chocolate 04   Lemon Yellow 05

Sunny Yellow 06   Orange 07   Baby Pink 08   Fuchsia 09   Red 10

Fire Red 11   Electric Red 12   Burgundy 13   Cool Grey 14   Grey 15

Dark Grey 16   Sky Blue 17   Atoll Blue 18   Pacific Blue 19   Reflex Blue 20

Royal Blue 21   Navy Blue 22   Purple 23   Apple Green 24   Green 25

Military Green 26   Neon Green 27   Neon Pink 28   Neon Yellow 29   Neon Orange 30

Silver Metallic 31   Gold Metallic 32

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

RTape/SEF Color Selection Guide

Flex and flock colors chart

FLEXCUT	Sticky	Sticky LT	Sticky Nylon	Sticky Puff	Sticky SBB	Sweet	VELCUT	Evo	Premium
White – 01	☐	☐	☐	☐	☐	☐	White – 01	☐	☐
Lemon Yellow – 05	■	■	■	■	■	■	Lemon Yellow – 02	■	
Sunny Yellow – 06	■						Sunny Yellow – 03	■	
Orange – 07	■						Orange – 12	■	
Fire Red – 11	■								
Electric Red – 12	■			■			Electric Red – 04	■	
Red – 10	■	■	■			■	Red – 05	■	
Burgundy – 13	■						Red		■
Baby Pink – 08	■								
Fuchsia – 09	■						Fuchsia – 13	■	
Skye Blue – 17	■						Skye Blue – 15	■	
Atoll Blue – 18	■								
Pacific Blue – 19	■						Pacific Blue – 08	■	
Reflex Blue – 20	■			■			Blue		■
Royale Blue – 21	■	■	■			■	Royale Blue – 09	■	
Navy Blue – 22	■						Navy Blue – 07	■	
Purple – 23	■								
Apple Green – 24	■								
Green – 25	■	■	■	■		■	Green – 10	■	
Military Green – 26	■								
Beige – 03	■						Beige – 16	■	
Chocolate – 04	■						Chocolate – 14	■	
Cool Grey – 14	■						Cool Grey – 11	■	
Grey – 15	■								
Dark Grey – 16	■								
Black – 02	■	■	■	■		■	Black – 06	■	■
Silver Metallic -31	■		■			■			
Gold Metallic – 32	■		■			■			
Neon Yellow – 29	■					■	Neon Yellow		■
Neon Orange – 30	■					■	Neon Orange		■
Neon Pink – 28	■					■	Neon Pink		■
Neon Green – 27	■					■	Neon Green		■

*Please note printed colors are not exact. Consult manufacturer's
color swatches for more accurate definitions.*

Thermal Materials

ThermoFlex® Plus

A durable polyurethane based material that is highly flexible and has a soft hand and strong grip. Withstands medium to high wash and dry temperatures. For use on cotton, cotton-poly, polyester, spandex, lycra, wool, linen and some athletic mesh garments. Will NOT adhere to nylon. *15″ x 10 yards.*

Specialty Materials
A full line of digital printing and plotter cut films for textile decoration

These 21 colors, 7.50 each:

WHITE PLS-9100	TEXAS ORANGE PLS-9340	VANILLA CREAM PLS-9729	TEAL PLS-9540
P/N 16872	*P/N 46701*	*P/N 45859*	*P/N 43098*
STORM GREY PLS-9150	MAROON PLS-9350	CHOCOLATE BROWN PLS-9789	COLOMBIA BLUE PLS-9576
P/N 35389	*P/N 16869*	*P/N 46255*	*P/N 16879*
BLACK PLS-9236	ATHLETIC GOLD PLS-9426	ANTIQUE SILVER PLS-9834	ROYAL PURPLE PLS-9584
P/N 16873	*P/N 16878*	*P/N 71779*	*P/N 16871*
RED PLS-9301	MEDIUM YELLOW PLS-9450	OLD GOLD PLS-9843	
P/N 16874	*P/N 40903*	*P/N 40863*	
HOT PINK PLS-9310	KELLY GREEN PLS-9633	NAVY BLUE PLS-9513	
P/N 52991	*P/N 16877*	*P/N 16875*	
ORANGE PLS-9333	FOREST GREEN PLS-9676	ROYAL BLUE PLS-9522	
P/N 16868	*P/N 16870*	*P/N 16876*	

Neon colors, 92.26 each:

NEON PINK PLS-9910	NEON YELLOW PLS-9920	NEON ORANGE PLS-9930	NEON GREEN PLS-9940
P/N 16884	*P/N 16894*	*P/N 16895*	*P/N 16896*

Metal Flake colors, 50.25 each:

METAL FLAKE SILVER PLS-9858	METAL FLAKE GOLD PLS-9868	METAL FLAKE RED PLS-9878	METAL FLAKE BLUE PLS-9888
P/N 60353	*P/N 54692*	*P/N 61965*	*P/N 61966*
METAL FLAKE GREEN PLS-9898			
P/N 61967			

ThermoFlex® Sport

ThermoFlex Sport is a thick, durable film material designed to bridge the gaps in open-mesh athletic jersey. It can be heat pressed at a relatively low temperature (300°-320°F) and short dwell time (8-10 sec.) which minimizes dye migration from colored polyester jersey mesh. ThermoFlex Sport can also be transferred to nylon jersey using the lowest temperature (300°F) and the shortest dwell time (8 sec.). *13.75″ x 10 yards. All colors 65.70 each.*

WHITE SP-4100	RED SP-4301	NAVY BLUE SP-4513	KELLY GREEN SP-4633
P/N 71641	*P/N 55430*	*P/N 68020*	*P/N 76161*
BLACK SP-4236	ATHLETIC YELLOW SP-4426	ROYAL BLUE SP-4522	
P/N 76164	*P/N 71643*	*P/N 72214*	

ThermoFlex® Xtra

In addition to nylon and leather, ThermoFlex Xtra will adhere to siliconized materials with sufficient surface texture for the adhesive to grip, when transferred according to directions. Thermoflex Xtra also incorporates the same features of ThermoFlex Plus, including easier handling, cutting and weeding from the addition of its thicker polyester carrier, and low tack carrier adhesive that enables easy weeding without lifting the cut image from its carrier. *15″ x 10 yards. All colors 89.90 each.*

WHITE TFX-8100	ORANGE TFX-8333	ROYAL PURPLE TFX-8584	OLD GOLD TFX-8843
P/N 57466	*P/N 57469*	*P/N 55545*	*P/N 57465*
PINK TFX-8310	MAROON TPE-8350	ROYAL BLUE TFX-8513	FOREST GREEN TFU-8676
P/N 57179	*P/N 57470*	*P/N 55545*	
BLACK TFE-8236	ATHLETIC YELLOW TFX-8426	KELLY GREEN TFE-8633P	
P/N 57467	*P/N 57482*	*P/N 57464*	
RED TFX8301	NAVY BLUE TFX-8522	ANTIQUE SILVER TFX-8834	
P/N 57468	*P/N 57465*	*P/N 57472*	

ThermoBanner™

ThermoBanner™ is an economical material designed for application to heat sensitive surfaces such as coated canvas, coated nylons and most vinyl or plastic coated surfaces. Typical applications include banners, awnings, umbrellas, tire and trailer covers.

ThermoBanner™ can be heat transferred at low temperatures with very little pressure, so application is possible with hand irons and heat guns.

ThermoBanner 2™ exhibits the same great durability with a polyester backing for easier weeding.

Call for pricing.

WHITE THERMOBANNER 2	RED	BROWN	GREEN
BLACK	YELLOW	BLUE	ORANGE

ColorPrint™ Solvent Clear

This is a clear polyurethane transfer material designed for printing with solvent or eco-solvent inkjet printers and is available with a matte or gloss finish. ColorPrint Solvent Clear is designed for use with white and light colored cotton, polyester and cotton-polyester blend fabrics. These films require a somewhat higher temperature (330°-340°F) with firm pressure for 17 seconds. *20″ x 5 yds. Available in Clear only, 35.75 each.*

P/N 76166

Please note printed colors are not exact. Consult manufacturer's color swatches for more accurate definitions.

Transfer Tape

RTape 4075 Conform

4075 Conform RLA features good "layflat" and conformability. Resists tunneling, wrinkling and edge curling.

Width	P/N	Price
1.25"	12673	3.93
2.25"	12674	7.08
3.25"	12675	10.22
4.25"	12676	13.36
5.25"	12677	16.51
6.50"	12678	20.43
8.50"	12679	26.72
10.50"	12680	32.01
12"	12681	37.72
14"	12682	44.01
15"	12683	47.15
16"	12684	50.29
18"	12685	56.58
20"	12686	62.86
24"	12687	75.43
30"	12689	94.29
36"	12690	113.15
48"	12691	150.86

Reece Application Tape

Economical paper application tape in 100 yard rolls.

Width	P/N	Price
2.25"	11124	5.76
3.25"	11125	8.32
4.25"	11126	10.88
5.25"	11127	13.43
6.50"	11128	16.63
8.50"	11129	21.75
10.50"	11130	26.86
12"	11131	30.69
14"	11133	35.81
15"	11134	40.92
16"	11135	40.92
18"	11136	46.03
20"	11137	51.15
24"	11138	61.38
30"	11139	76.72
36"	11140	92.06
48"	11141	122.75

RTape Digimask

Specially-formulated ultra-low tack adhesives remove easily following installation. DigiMask products feature Conform® Release Liner Adhesion to reduce the risk of tunneling and edge lifting.

Width	Length	P/N	Price
38"	300'	12692	105.82
48"	300'	12693	189.96
54"	300'	12694	213.71
60"	300'	12695	237.45

Transfer Tape

3M SCPM-44X

This low-tack application tape is specially formulated to ease the application of large graphics to substrates.

Width	Length	P/N	Price
54"	300'	16852	268.34

3M SCPM-3

This premask, specially formulated for large format, screen printed and electronically cut graphics, eases application of larger graphics to substrates. It has a unique low-tack adhesive.

Width	Length	P/N	Price
8"	300'	85459	40.76
18"	300'	75502	99.18
24"	300'	28602	132.24
36"	300'	24470	198.36

3M SCPS-2

This prespace tape is specially formulated for use with large format screen printed and electronically cut graphics to ease the application of small text.

Width	Length	P/N	Price
24"	300'	11143	119.27
36"	300'	8664	178.90
48"	300'	8663	238.53
60"	300'	11144	298.16

Foam Tape

3M 4910 VHB Foam Tape

Clear double-sided VHB tape. Water clear adhesive with red polyester liner. Acrylic foam construction. 36 yard rolls.

Size	P/N	Price
1/2"	9876	52.63
3/4"	9891	70.18
1"	9875	87.72

3M 4905 VHB Foam Tape

20.0 mil, clear closed cell acrylic foam carrier with film liner and an acrylic adhesive. Use to join transparent material and replace rivets, screws and other mechanical fasteners. 72 yard rolls.

Size	P/N	Price
1/2"	9830	99.79
3/4"	71466	133.05
1"	33332	166.31

Foam Tape

3M 4941 VHB Foam Tape

3M

45.0 mil, thick closed cell dark gray acrylic foam carrier with paper liner and an acrylic adhesive. Conformable, good adhesion to painted metals and plasticizer resistant. UL listing 746C. 36 yard rolls.

Size	P/N	Price
1”	14111	123.46

3M 5952 VHB Acrylic Foam Tape

VHB tape 5952 expands your options. You can still easily bond to clean aluminum and steel, but now you can also readily bond painted metal and plastic throughout a sign with little or no surface priming or abrading. Special formulation also bonds on contact to most paints and powder coats, and to hard-to-bond plastics such as acrylic, poly-carbonate, and high temperature co-polyester. 36 yard rolls.

Size	P/N	Price
3/4”	51951	94.44
1”	27305	107.11

3M 4032 Foam Tape

1/32 in thick open cell urethane foam flexible carrier with high shear, 100 high temperature resistant acrylic adhesive and 3.0 mil, 62 lb densified kraft liner. Use to fill gaps and bond irregular surfaces. Distributes stress uniformly over bonded area. 72 yard rolls.

Size	P/N	Price
1/2”	11146	56.58
3/4”	82156	85.68
1”	91234	107.16

3M 4008 Foam Tape

1/8 in. thick open cell urethane foam flexible carrier with high shear, high temperature resistant acrylic adhesive. Use to fill gaps and bond irregular surfaces. 36 yard rolls.

Size	P/N	Price
1/2”	9867	56.59
3/4”	91244	75.44
1”	9868	94.30

3M 4016 Foam Tape

Economical white double-sided VHB tape. For indoor use only. High sheer adhesive; can be die cut. Urethane foam construction. 36 Yard rolls.

Size	P/N	Price
1/2"	9870	38.08
3/4"	9871	50.77
1"	9869	63.46

3M 4950 VHB Foam Tape

White double-sided VHB foam tape. Multi-purpose tape for permanent mounting applications. Bonds most high surface energy substrates. Acrylic foam construction. 36 Yard rolls.

Size	P/N	Price
1/2"	9874	68.47
3/4"	9873	91.30
1"	9872	114.12

Masking Tape

3M 234 Masking Tape

A tough and flexible masking tape. 3M masking tape offers instant adhesion with sharp sliver-free edges. Removes cleanly and completely. 60 Yard rolls.

Size	P/N	Price
1/2"	9858	4.10
3/4"	9859	5.32
1"	9860	6.84
1.5"	9862	10.26
2"	9863	13.68
3"	9861	20.52

Banner Tape

Banner Tape

A double-sided high tack tape for creating hems on roll banner material. 72 Yard rolls.

Size	P/N	Price
1"	13334	15.06
1.5"	13333	22.59

Power Tape

A double-sided high tack tape for creating hems on roll banner material. 36 yard rolls.

Size	P/N	Price
1 1/2"	76289	31.03

Killer Red Tape

A double-sided clear acrylic tape used for creating high bond applications. 60 yard rolls.

Size	P/N	Price
1/2"	62634	7.86

Specialty Tape

Velcro Type Hook and Loop Fastener

No waste 25-yard rolls. Cut off only what you need.
Hook and Loop is sold separately.
The hook is rough and the loop is smooth.
Both hook and loop come with a pressure sensitive adhesive on the back wtih a liner.

Size	Color	P/N	Price
3/4"	White Loop only	12781	21.54
3/4"	White Hook only	12780	21.54
1"	White Loop only	12778	24.62

3M SJ4570 Dual Lock Fastener

300 LSE adhesive and 705 pins per sq. inch. Amazingly thin and reclosable, yet strong, 3M™ Dual Lock™ Low Profile fasteners are thinner and more flexible than other reclosable fasteners. SJ4570 is backed with 3M™ 300 LSE Laminating adhesive, giving it an excellent bond to many substrates including polyproplyene, polyethylene, metal, finished wood and many others. 50 yard rolls.

Size	P/N	Price
5/8"	75424	124.01

Knives and Blades

OLFA SVR-1 Stainless Steel Knife

SVR-1 Silver knife uses retractable snap-off knife blades.

P/N 10553   9.60

OLFA ABB-10-B Blades

The OLFA UltraSharp black heavy-duty snap-off blades are exclusively designed for maximum cutting performance and are ideal for applications where superior sharpness is required. 10-pack of replacement blades for SVR-1 knife.

P/N 10552   6.73

OLFA ABB50-B Blades

Made from a high-quality Japanese grade carbon tool steel, the OLFA black blades are double-honed for extreme sharpness and are 25% sharper than the OLFA silver 9mm AB blades. 50-pack of replacement blades for SVR-1 knife.

P/N 10551   25.77

OLFA AB10-50S Blades

Fits OLFA 9mm knives. 13 cutting edges per blade. 50 blades per pack.

P/N 24787   32.42

OLFA SAC-1 Graphics Knife

This stainless steel graphics cutter features an ultra-slim design and an acute 30 degree angle blade making it a popular choice with professional graphic artists and sign-making professionals.

P/N 10558   11.06

OLFA A1160B Blades

Standard-duty acute 30 degress angle snap-off blade for use in a multitude of applications. 7 cutting edges per blade strip. 10 blades per pack.

P/N 10562   10.02

Knives and Blades

OLFA L-1 Utility Knife

Heavy-duty L-1 utility knife has a retractable snap off knife blade in a comfortable large plastic handle. General utility use.

P/N 10550   10.97

OLFA L-2 Utility Knife

The brother to OLFA L-1, this heavy-duty utility knife features an anti-slip rubber grip inset and a ratchet wheel blade lock.

P/N 10550

OLFA LB-10B Blades

10-pack of replacement blades for L-1 knife.

P/N 10556   9.59

OLFA P800 Plastic Cutter

P-800 knife is useful for cutting all types of plastic substrates.

P/N 10546   10.97

OLFA PB-800 Blades

3-pack of replacement blades for P-800 knife.

P/N 10560   5.49

OLFA Blade Disposal Case

DC-3 disposal case will safely contain used blades.

P/N 10548   3.39

ProEdge#1 Knife

#12001 Precision cuttion knife with blade and cap.

P/N 10572   1.91

ProEdge #11 Blades

#42511 100 pack of replacement blades.

P/N 10573   20.22

ProEdge #9 Single Edge Utility Blade

100 pack of replacement blades.

P/N 10582   8.60

X-Acto Gripster Knife

X3627 Black Precision cutting knife with antiroll design and spring loaded blade changing.

P/N 10579   5.12

X-Acto Knife

#3001 Precision cuttion knife with blade and cap.

P/N 10576   3.89

X-Acto #611 Blades

Bulk package of 100 #11 blades.

P/N 10580   25.62

X-Acto #616 Blades

Bulk package of 100 #16 blades.

P/N 10581   25.62

Application Fluid

Rapid Tac

An application fluid used to assist in applying vinyl graphics. Helps to eliminate bubbles and wrinkles.

Quart (w/sprayer)   P/N 13762   8.86
Gallon   P/N 13785   25.36

Sure Glide

An application fluid used to assist in applying vinyl graphics. Helps to eliminate bubbles and wrinkles.

Quart   P/N 13792   7.83
Gallon   P/N 13793   19.24

Removers & Cleaners

Rapid Remover

A fluid designed to easily remove the remaining pressure sensitive adhesive left over after graphic removal.

Quart	P/N 13786	17.23
Gallon	P/N 13787	49.95

3M Adhesive Cleaner 8984

A specialy blended solvent that provides easy cleanup of most types of adhesives, greases, oils and waxes.

Quart	P/N 3955	14.39

3M Prep Solvent 70

A low VOC, water based solvent used to remove oils, wax, grease and silicone from surfaces prior to coating. Effectively cleans metal, primed metal, and painted surfaces prior to the application of primer and paint.

Gallon	P/N 19603	31.16

Isopropyl Alcohol

A general purpose thinner used for the cleaning and surface preparation of substrates intended to have vinyl graphics applied.

Gallon	P/N 9713	25.00

Crystaltek Vinyl-Off Remover

The eco-friendly way to remove vinyl graphics from fleet trucks, glass, signage, etc. Just wipe it on, wait a few minutes, and peel off the vinyl, and the adhesive, in one step. One gallon typically covers approximately 1500 square feet of vinyl.

Gallon	P/N 69635	59.05

Primers & Sealers

3M Primer 94

This primer promotes adhesion of 3M tapes.

Quart	P/N 9884	36.84

3M Edge Sealer 3950

Apply to exposed edges of vinyl film to help prevent lifting. Includes felt dauber for application.

8 oz. dauber can	P/N 3990	15.33

Primers & Sealers

3M 8914 Tape

A 1/2" optically clear overlaminate used as an edge sealer for perforated window film. 50 yard rolls.

1/2"	P/N 39806	9.48

Frog Juice 7000 Sunscreen Clear

Frog Juice is a multi-use UV protectant coating that is glossy and will not yellow. Does not require a hardener or catalyst.

12 oz. aerosol	P/N 14092	8.71
Quart	P/N 14091	23.65

1 Shot Speed-Dry UV Clear 4050

Speed-Dry UV Clear is a multi-purpose solvent based acrylic clear with ultraviolet absorbers that help protect against color fading.

12 oz. aerosol	P/N 9682	13.95
Quart	P/N 9681	41.70
Gallon	P/N 9683	133.55

Vinyl Squeegees & Brushes

3M Gold Squeegee

3M PAI-G Teflon squeegee. Durable and longlasting.

Gold	P/N 10592	3.05 ea.

3M Blue Squeegee

3M PAI-B inexpensive plastic construction.

Blue	P/N 10593	.74 ea.

Digital Squeegees

PA-W low profile eco-line digital squeegee. 3" x 4" economy squeegee.

White	P/N 42042	.86 ea.

RC-6 ribbed profile standard digital squeegee. 3" x 6" economy six inch squeegee.

White	P/N 44949	1.79 ea.

Vinyl Squeegees & Brushes

Squeegee Handle

EZ Grip-6 digital squeegee handle. 6" handle grip allows for firmer pressure on vinyl without undue abuse of the hands.

6" grip   P/N 44956   7.90 ea.

3M Rivet Brushes

Great for applying vinyl over rivets and other irregular surfaces.

3" RBA-3   P/N 14004   8.58 ea.
1" RBA-1   P/N 8080   8.99 ea.

3M TSA Textured Surface Tool

•The 3M Textured Surface Tool TSA-1 tool is the largest of the foam rollers and is used for general application of larger areas.

•The 3M Textured Surface Tool TSA-2 tool is smaller and narrower and designed for use in corners and mortar lines.

•The 3M Textured Surface Tool TSA-3 tool is designed specifically for edges where the graphic meets a wall, ceiling or other obstruction.

TSA-1   P/N 50329   124.14
TSA-2   P/N 52140   167.83
TSA-3   P/N 52141   167.83

RollePro Vinyl Roller

The RollePro's ergonomic design and specially formulated heat-resistant wheel brings speed and comfort to a once time consuming application process. Roll vinyl over rivets and coutours efficiently.

3" RBA-3   P/N 55071   54.99

Lidco FWRC-4 Squeege

A unique combination of Lidcos "industry standard" hard card firmness combined with a soft, smooth, supple industrial felt edge. Helps protect vinyl from marring and scratching.

FWRC-4   P/N 44953   1.85

Arlon Felt Squeege

This squeege has a felt surface on the leading edge to allow application of vinyl with out marring and scratching.

P/N 58811   10.57

BW-4 Flexi-edge Combo Digital Squeegee

This squeegee has a rubber end to it that reduces static and can apply more evenly with a malleable edge.

2-1/4" x 4"   P/N 44952   .60 ea.

Mactac Felt Squeegee

IC 1970 Soft felt is designed to avoid scratching of the digital print.

2-3/4" x 4"   P/N 25042   3.72 ea.

Vinyl Removal Tools

Plastic Razor Blade

Big Blade Jumbo 3" x 4" plastic razor blade. Perfect for removing old vinyls. Unlike a metal apparatus, this plastic blade prevents scratching on acrylics.

3" x 4"   P/N 44954   1.32 ea.

Lil' Chizler

Removes vinyl from aluminum, plexiglass and painted wood without damaging the surface.

P/N 10472   .76 ea.

Alvin Zippy Cutter

Alvin Brand #K353. Cuts paper, cardboard, etc. The beauty of this item is that the razor blade has four corners, all of which can be rotated for use providing a long cutting life.

P/N 34974   2.95 ea.

Alvin Zippy Cutter Blades

Alvin R53B Zippy Cutter blades. Replacement blades for the Alvin K353 Zippy All-Purpose Cutter. Pack of 12.

P/N 89399   4.20 ea.

Production Supplies

Poly Foam Disposable Roller & Brushes

These inexpensive foam paint rollers and brushes are designed for panel background paint applications and other painting needs that require the use of a disposable product. Sold in case quantities.

Width	Product	Per Case	P/N	Price
9"	Roller Cover	24	9837	1.00
1"	Poly Brush	48	9832	.30
2"	Poly Brush	48	9833	.47
3"	Poly Brush	36	9834	.63
4"	Poly Brush	24	9835	.84

Tenco Stripe Eliminator

Remove and eliminate unwanted or old striping or vinyl graphics with this ingenious tool. Can be used on any standard drill or pneumatic grinder with chuck.
700-1200 RPM recommended.
Use on 1/4" drill. (Drill not included).

Description	P/N	Price
Complete Kit	50490	19.95
Replacement Wheel	50491	15.95

MBX Vinyl Zapper

The eraser wheel is designed with notched fingers that grab the edge of the vinyl and peels it from the surface. Remove the vinyl and adhesive without damaging OEM paint or harming substrate material. Multiple layers of vinyl—old or new—can be removed at one time in hot or cold weather. Labor is reduced by over 60% and turns a tedious task into an easy operation. The MBX Vinyl Zapper will remove 35-50 sq. ft. of vinyl per hour.

Description	P/N	Price
Electric Tool Kit	15563	449.95
Replacement Eraser	15569	32.00

Sooper Edge Ruler

The Sooper Edge is the premier safety ruler in the sign and graphic industry. It's constructed of heavy duty aluminum and is anodized a Sooper Purple finish. The curved aluminum finger guard is standard, to give the most protection. The non-slip grip tape prevents unwanted movement without damaging the sign surface.

Width	P/N	Price
28"	15581	51.49
40"	15582	73.90
52"	15583	103.40
64"	15584	125.69
76"	15585	135.12
96"	15586	191.79

OCE 20# Bond Paper

An uncoated 20# check bond paper for inkjet printing. Great for plotter pen and pounce patterns. Bright white paper on a 2" core.

Width	Length	P/N	Price	Width	Length	P/N	Price
24"	150'	13889	12.14	42"	150'	13891	24.74
24"	300'	13888	24.27	42"	300'	13886	50.45
36"	150'	13890	18.19				

Hartco Sandblast Mask

Hartco Sandmask is a 25 mil PVC product that is specially formulated to run smoothly on your plotter and hand cut easily. S452S works well with glass, wood, fiberglass, polyurethane foam and other similar substrates.
HSG452S works well with raw, unpainted rough or porous surfaces—rock, brick, etc.

Description	Width	Length	P/N	Price
S425S	15"	30'	9840	84.35
Friction	25"	30'	9844	124.02
S425SP	15"	30'	9843	102.69
Punched	25"	30'	9842	124.02

Kraft Paper

A 60 lb. brown kraft paper coated with a machine glaze. Designed for use as a backer or carrier to protect the bottom roller from adhesive when doing one-sided lamination.

Width	Length	P/N	Price	Width	Length	P/N	Price
24"	600'	6930	24.62	48"	600'	6932	53.85
36"	600'	6931	33.82	60"	600'	32839	54.93

Stabilo Pencils

A pencil used for marking various substrates (wood, plastic, metal, glass, etc.) for the purpose of graphic layout.
The markings are easily erased after use.
Box of 12 pencils (same color), $2.00

Color	P/N	Color	P/N
White	9848	Green	9852
Yellow	9845	Orange	9851
Blue	9846	Graphite	9847
Red	9850	Black	9849

Cutters

FSC Substrate Cutter

The FSC unit can be wall mounted or free-standing to meet your work flow requirements. The cutting capacity in height is 65" with no length restrictions. Fletcher's technology results in clean, accurate and debris-free cutting, allowing the FSC unit to be placed in same area as digital printing equipment.
The cutting head design features quick interchange blade and wheel cutting tools for processing today's popular rigid substrates. When a new substrate enters the market, Fletcher has the ability to develop a new cutting tool, avoiding machine obsolescence. Includes Laser Sight Line Cutting Guide, adjustable for knife or wheel cutting operation, that projects a cut line on the substrate, eliminating guess work and costly errors in a post-printing process.

P/N 47498   3,308.00

Titan® Board Cutter

The Titan provides straight, square and accurate cutting of light board materials up to 1/2" thick and flexible materials. One-piece aluminum base with integrated blade cutting track and trimming surface construction. The Titan has a "Lift and Shift" hinged rail assembly for ease of loading material together with "Power Grip" cutting head for push and pull cutting convenience.

Cutting Width: 40"   Titan 40   P/N 61227   829.00
Cutting Width: 60"   Titan 60   P/N 50576   977.00
Cutting Width: 100" Titan 100 P/N 46090   1,251.00

Fletcher Terry, Gemini Pro

Gemini Pro Unique Performance Features

• Utilize table-mounted elevators to raise cutter above graphics for positioning cut line.

• No repositioning of the straight-edge required; allows you to line up the material for the entire length of the cut.

• Eliminate fatigue/injuries while working with large graphics.

Cutting Width: 120"   P/N 87563   1,113.00

Vinyl Racks

Vinyl Wall Rack

20 brackets hold up to 30" long rolls.

P/N 15751   96.12
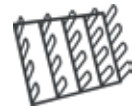
Vinyl Floor Rack

44 brackets easily organizes vinyl rolls up to 30".

P/N 15521   268.92

MR16-HD Vinyl Floor Rack

Spindles easily organizes 16 vinyl rolls.
• Holds 3" Cores• Shipping weight: 55 lbs.
• Measures 17"H x 241/2"W x 25"D
• Easy to assemble
• Locking Wheels
• Holds 1000 Lbs
• Holds 12" to 60" media rolls

P/N 55753   282.00

Xtreme® Cutting Mats

180 gauge self-healing cutting mats.

	Width	Length	P/N	Price
Plain	4'	8'	49154	107.95
	4'	10'	49156	140.35
	4'	12'	49157	161.95
	5'	10'	49158	161.95
With printed grid (as shown)	4'	8'	49155	129.55
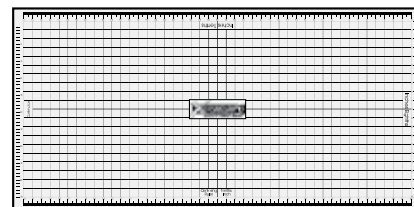
Thermal Banner Seaming

BannerPRO Heat Seamer

The BannerPRO offers numerous capabilities, including hemming for grommets, pole pockets and pocket sign fabrication, at a fraction of the cost of other hemming systems. Take control of your jobs in-house with BannerPro.

BannerPRO Heat Seamer	**P/N 70490**	**1,295.00**
Maintenance Kit	**P/N 70491**	**69.95**
Height Extension	**P/N 70492**	**69.95**

Banner Materials & Supplies

US Banner Poly Pro Material Banners

Economy grade woven poly for short-term banners. Sewn top and bottom with D-rings in corners. *Available in white only.*

Size	P/N	Price	Size	P/N	Price	Size	P/N	Price
2' x 4'	9976	7.15	3' x 6'	9980	10.08	4' x 6'	9983	12.19
2' x 6'	9978	8.83	3' x 8'	9981	11.43	4' x 8'	9953	13.96
2' x 8'	9979	9.90	3' x 10'	9982	12.90	4' x 10'	18664	16.08

US Banner ERC Material Banners

10 oz. enamel receptive material suitable for indoor or outdoor use. Sewn on four sides with D-rings in corners, and grommets placed every 2' - 3' top and bottom. *Available in white and yellow.*

WHITE

Size	P/N	Price	Size	P/N	Price
2' x 4'	10030	13.75	3' x 20'	10048	56.87
2' x 6'	10032	16.80	4' x 6'	18675	24.29
2' x 10'	10034	19.69	4' x 8'	10050	26.33
3' x 6'	10038	20.09	4' x 10'	10051	31.28
3' x 8'	10045	25.07	4' x 20'	10053	25.35
3' x 10'	34754	29.80			

YELLOW

Size	P/N	Price	Size	P/N	Price
2' x 6'	10031	14.44	3' x 10'	10046	31.28
2' x 8'	10033	17.64	4' x 6'	10049	25.35
3' x 8'	10041	26.33			

Ultimate Banner Stands

4 sizes of the Ultimate Banner Stand available, 22" wide to 40" wide. Portable, lightweight banner stand sets up in seconds. Banners are easily attached with grommets in each corner.

Item	Size	P/N	Price
TP-01	22" x 48"	10076	73.98
TP-02	24" x 60"	10077	75.63
TP-03	24" x 70"	10078	78.08
TP-04	40" x 77"	10075	91.44

Neschen Banner Stands

The **Roll-Up Banner** is a cost effective system for short term signage or promotions. It is designed with a reinforced fitting for the pole to ensure the display stands straight - no tilting or leaning.

With its sleek design, the **L-Banner** has a solid, weighted foot and sturdy support pole. The support pole screws in and holds tight for added stability.

Item	Size	P/N	Price
Roll Up	33" x 86 "	82837	44.17
Roll Up	39" x 86"	82718	50.83
L Stand	33" x 77"	82840	33.33
L Stand	39" x 77"	82839	40.00

Big Foot Banner

10 oz. white banner material with grommets every foot.

Width	Length	P/N	Price
22"	72'	10054	81.37
34"	72'	10055	94.87
46"	72'	10056	115.06

Bandanna Banner

10 oz. banner material that's thermo-weld hemmed one inch top and bottom. Two grommets are placed every 24 inches across the top and bottom, enabling you to split the 3 inch difference between them, leaving you with a grommeted end on the next banner off of the roll.

Width	Length	P/N	Price
22"	72'	10027	100.57
34"	72'	10028	117.86
46"	72'	10029	143.00

Grommet Products

Hiker Grommet Machine

Industrial grade hand press with an adjustable lower die for consistent setting in various material thicknesses.

H-901-B.   *P/N 9908   227.15*

Hiker Grommets

#2, 3/8" Brass Grommets for use in Hiker machine only.

Box of 1000   P/N 9909   71.43
Box of 500   P/N 9912   35.71

Zip-Change, Letters & Accessories

Wagner Zip Modern Letters and Numerals

In stock letters in black; 4", 6" and 8" sizes.
Letter selection included in a commercial 50 font:

A ...3	H... 1	O....3	V....1	1.... 1	8..... 1
B ..1	I.... 3	P.....1	W ..1	2.... 1	9..... 1
C ...1	J.... 1	Q....1	X ...1	3.... 1	0..... 1
D ...1	K.... 1	R....2	Y....1	4.... 1	$..... 1
E ...3	L.... 1	S.....2	Z....1	5.... 1	¢..... 1
F....1	M.. 1	T 2	6 1		
G...1	N... 1	U....2	7 1		

Size	Each	Price	Set of 50	Price
4"	P/N 4087	1.30	P/N 4089	27.86
6"	P/N 4093	.72	P/N 4096	35.72
8"	P/N 4113	1.22	P/N 4115	60.72

Zip-Change Plastic Track

Clear, impact-resistant acrylic.

	8' Length	10' Length	12' Length
Top Track	P/N 4501 5.11	P/N 4504 6.39	P/N 4509 7.67
Dual Track	P/N 4503 5.50	P/N 4508 6.87	P/N 4511 8.24
Bottom Track	P/N 4502 4.19	P/N 4505 5.23	P/N 4510 6.28

Zip-Change Letter Changer

Small, regular suction cup is included.

6' - 12'	P/N 4497	40.20
6' - 18'	P/N 4498	54.00
8' - 24'	P/N 4154	69.00

Magnetic Sheeting

A 30 mil magnetized sheet with a white vinyl laminated surface ready for vinyl lettering or screen printing. This sheeting is magnetized at 14 poles per inch for optimal adhesion to metal. Price per linear ft.

Size	P/N	Price
24" x. 030	10822	3.68

Magnetic Tape

A .060" magnetized roll with a white vinyl laminated surface and a pressure sensitive adhesive back with liner. Also available in 1" High Energy for extra holding power.

	Width	Length		Price
Standard	1/2"	100'	P/N 10537	18.00
High Energy	1"	100'	P/N 10539	96.00

Sign Blank Holders

PolySign Quick Sign

Change signs in seconds.
Blanks quickly slide in and out, and stay securely in place. All plastic construction.

Holds two 24" x 18" signs per unit.
P/N 12555   41.39
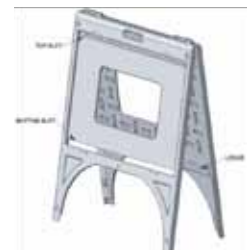
PolySign Simpo Sign

Molded-in handle assures easy portability.
Features regressed sign faces.
High density polyethylene construction.

Holds two 22" x 28" signs per unit.
P/N 12557   41.15
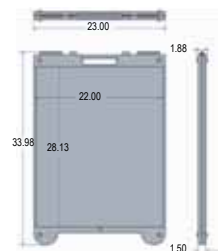
PolySign Simpo Sign II

Blanks quickly slide in and out, and stay securely in place. You can use all sign blanks, including corrugated plastic and aluminum.

Holds two 22" x 28" signs per unit.
P/N 43158   45.43

Sign Frames

Wire Step Stake

Wire rod frame for corrugated
plastic sign blank.

10" x 30" P/N 10528   .69
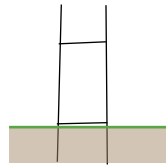
Sign Stake

Made of 3/4" black angle iron.
42" tall   P/N 10527   7.39
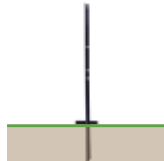
T Stake

Holds 18"H x 24"W blank.
42" tall   P/N 10529   10.62
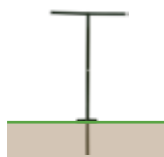
Double T Stake

Same as regular T Stake,
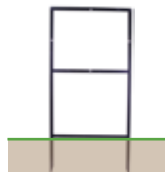except that it has two braces.
42" tall   P/N 10530   12.62
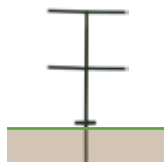
Sign Frames

3/4" black angle iron frames.

Holds 18"H x 24"W blank.	**P/N 10532**	**15.31**
Holds 24"H x 18"W blank.	**P/N 10534**	**15.31**
Holds 24"H x 36"W blank.	**P/N 10535**	**18.85**
Holds 36"H x 48"W blank.	**P/N 10536**	**40.00**

Corrugated Plastic

High-quality polypropylene twinwall profile sheet that is ideal for
indoor and outdoor display. It is durable, lightweight, waterproof and
resistant to stains and most chemicals.

CLEAR	LEMON	ORANGE	BLACK
WHITE	DARK BLUE	SILVER	PURPLE
YELLOW	IVORY	RED	BROWN
LIGHT BLUE	GREEN		

4mm

FLUTE
DIRECTION

ACTUAL
FLUTE SIZE

18"H x 24"W
Call for pricing.

4mm

FLUTE
DIRECTION

ACTUAL
FLUTE SIZE

24"H x 18"W
Call for pricing.

10mm

FLUTE
DIRECTION

ACTUAL
FLUTE SIZE

48"H x 96"W
Call for pricing.

Expanded PVC Sheets

This is a moderately expanded rigid PVC sheet with a satin finish.
It's closed cell structure inhibits moisture absorption, and with thicker
gauges, can be used for outdoor applications. It can be screen printed,
painted, and is suitable for vinyl applications.

WHITE	RED	GREEN	DARK BLUE
BLACK	YELLOW	LIGHT BLUE	LIGHT GREY
GREY			

All sheets are 4' x 8'

Color	Thickness		Price
White Only	1MM	P/N 4558	14.40
White	3MM	P/N 4560	21.33
Black	3MM	P/N 4573	22.69
White	6MM	P/N 4562	42.66
Black	6MM	P/N 4575	45.38
White	13MM	P/N 4564	79.96

Jain EX-Cel PVC

EX-Cel products can be cut, mitered, nailed, routed and sanded just
like traditional wood trim products. EX-Cel products will never rot,
crack or deteriorate even in high moisture applications. EX-Cel is
suited for all types of exterior applications including high moisture
and ground level locations.
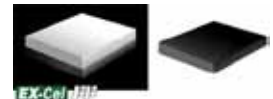
Color	Dimensions		P/N	Price
Black	4' x 8' x 19MM	G2S	31668	139.70
White	4' x 10' x 3MM	G2S	73028	40.36

Aluminum Composite Material

Signabond Lite

The economical answer to the ultimate sign panel. 3mm thick overall
with a polyethylene core and a .20mm aluminum skin. Same color
both sides with clear film to protect surface.

BLACK	RED	IVY GREEN	HERON BLUE
BRONZE	YELLOW (CAUTION)	BURGUNDY	IVORY

All sheets are 4' x 8' x 3MM
Call for pricing.

*Please note printed colors are not exact. Consult manufacturer's
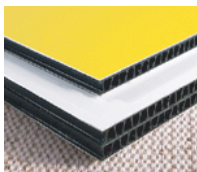color swatches for more accurate definitions.*

Aluminum Composite Material

Laminators Alumalite

Alumalite is a strong, aluminum composite panel consisting of a corrugated polyethylene core with a .016 high gloss painted aluminum surface on both sides.

Color	Dimensions		P/N	Price
White	4' x 8' x 6MM	G2S	8458	84.29
White	4' x 8' x 10MM	G2S	8512	143.72
White	4' x 10' x 6MM	G2S	8457	123.58
White	5' x 10' x 6MM	G2S	8452	162.86

BLACK	RED	GREEN	IVORY
BRONZE	YELLOW	BLUE	WHITE

Laminators LusterBoard

Lighter, 1/4" LusterBoard is half the weight of 1/2" MDO, yet 85% as rigid, making it easier to install and handle. Stronger, 1/2" Luster-Board has the strength similar to 3/4" MDO, but weighs less. The colorfast surface means you can change copy again and again with little or no ghosting. Features pre-finished white aluminum surfaces.

Dimensions		P/N	Price
4' x 8' x 1/4"	G2S	8443	90.79
4' x 8' x 1/2"	G2S	8445	105.72
4' x 10' x 1/2"	G2S	8444	139.36

Laminators Omegabond

Omegabond is a strong, aluminum composite panel consisting of an expanded polyethylene core with a .008 high gloss painted aluminum surface on both sides.

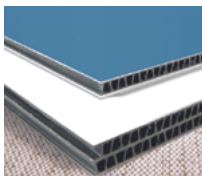| Color	Dimensions		P/N	Price
White	4' x 8' x 3mm	G2S	48952	51.43
Black	4' x 8' x 3mm	G2S	85847	62.86
Green	4' x 8' x 3mm	G2S	85846	62.86
Red	4' x 8' x 3mm	G2S	85842	62.86
Yellow	4' x 8' x 3mm	G2S	85844	62.86
Blue	4' x 8' x 3mm	G2S	85845	62.86
Silver	4' x 8' x 3mm	G2S	89025	89.29

Laminators Econolite

Econolite is an economical alternative to Alumalite. It has all the benefits of Alumalite, however only one side is painted. The other side is a light gauge, aluminum backer. Econolite can be used for post and panel and/or billboard applications when properly supported. Painted side is .016 high gloss white aluminum.

Color	Dimensions		P/N	Price
White	4' x 8' x 6MM	G1S	8477	77.15
White	4' x 10' x 6MM	G1S	8478	123.65

Call for pricing on colors

Laminators Omega Signboard

This hardwood plywood core is lighter and stronger than MDO. The hardwood core is a premium grade, rigid, exterior furniture grade plywood with smooth, tight, sanded veneers for optimum surface beauty. Is is also less likely to have gaps or voids in the inner-plys, which is common in many MDO boards. The surface is a .012 inch thick, pre-finished, brilliant white vinyl.

Dimensions		P/N	Price
4' x 8' x 1/2"	G1S	8465	76.71
4' x 10' x 1/2"	G1S	8466	108.93
4' x 8' x 1/2"	G2S	8467	85.07

Alumet Sign Panels

Aluminum Composite Material (ACM) Sign Panels are composed of a thermoplastic core of low density polyethylene, bonded to two sheets of aluminum using a sophisticated bonding process involving chemical adhesives and high temperatures. The painted surface of the aluminum sheet is coated with a wax free high performance polyester coating. The painted surface is protected with a strippable masking to prevent scratching.

- Light Weight
- Rigid and Durable
- Accepts Vinyl Graphics
- Excellent Outdoor Weatherability
- Custom Colors & Finishes • High Strength
- Easily Fabricated
- Weather Resistant
- Accepts Screen and Digital Printing
- Available in 3MM & 6MM Thickness
- Corporate Identity Colors

Size	Thickness	Color	P/N	Price
4'x8'	3mm	White/White	74774	60.77
4'x8'	3mm	White/Black	74776	61.47
4'x8'	3mm	Red/Red	74777	68.47
4'x8'	3mm	Blue/Blue	74779	68.47
4'x8'	3mm	Yellow/Yellow	74780	68.47
4'x10'	3mm	White/White	74775	76.08
5'x10'	3mm	White/White	74784	105.77

Wood Panels

MDO Plywood

MDO combines the strength of high quality plywood with tough overlays to give you superior surface performance and longer life than other sign materials.

Dimensions	P/N	Price	Dimensions	P/N	Price
4' x 8' x 3/8"G1S	8381	34.99	4' x 10' x 1/2"G1S	8412	66.67
4' x 8' x 3/8"G2S	8439	45.23	4' x 10' x 1/2"G2S	8438	86.67
4' x 8' x 1/2"G1S	8389	40.96	4' x 10' x 3/4"G1S	8486	90.67
4' x 8' x 1/2"G2S	8414	49.92	4' x 10' x 3/4"G2S	8471	104.00
4' x 8' x 3/4"G1S	8447	59.74			
4' x 8' x 3/4"G2S	8448	66.14			

Primed MDO Plywood

These MDO plywood panels are supplied with a mill applied white prime-coat. The prime is available on one or two sides. Primed panels help reduce production time and provide a uniform prime coat. Panel edges are sealed with a matching prime color.

Dimensions	P/N	Price	Dimensions	P/N	Price
4' x 8' x 3/8" G1S	8451	44.80	4' x 8' x 3/4"G2S	8480	76.27
4' x 8' x 1/2" G1S	8464	50.35	4' x 10' x 1/2"G1S	8468	74.67
4' x 8' x 1/2" G2S	8446	58.88			

Sign Ready MDO Plywood

Sign Ready prefinished MDO plywood is smooth, durable, and scratch- and mar-resistant. Available in white, the edges are coated to match the finish of the board. Vinyl and lettering enamel paint ready.

Dimensions	P/N	Price	Dimensions	P/N	Price
4' x 8' x 1/2"G1S	8390	66.56	4' x 10' x 1/2"G1S	8441	96.00
4' x 8' x 1/2"G2S	8440	80.64			

Scooter Board

Brilliant white finish that is stain resistant.
The 3/16" core is perfect for real estate signs.
Scooter Board readily accepts vinyl, digital flat bed printing, laser engraving as well as a variety of screening inks. Available in white only.

Dimensions	P/N	Price
6" x 24" x 3/16" G2S	48164	1.47
18" x 24" x 3/16" G2S	48165	4.40
24" x 36" x 3/16" G2S	48166	5.85
4" x 8" x 1/4" G2S	63982	48.47
4" x 8" x 1/2" G2S	61438	64.54

Foam Boards

Ultra Board

Ultra Board is designed primarily for interior use and is favored for its durability. Ultra Board is lightweight, strong, warp-resistant and is an exceptional value.

Other thicknesses and finishes available. Call for more information.

Colors	Dimensions	P/N	Price
White	4' x 8' x 3/16"	4290	41.33
Black	4' x 8' x 3/16"	4307	46.14
White	4' x 8' x 1/2"	4291	61.30
Black	4' x 8' x 1/2"	4460	68.33
White	4' x 8' x 1"	4293	88.77
Black	4' x 8' x 1"	4288	103.02

Ultra Mount

Ultra Mount is a heavy duty foam board with 18-pt., poly-coated paper liners, perfect for laminating, dry mounting, cold mounting, screen printing, paints or vinyl.

Colors	Dimensions	P/N	Price
White	4' x 8' x 3/16"	4306	28.97
Black	4' x 8' x 3/16"	4303	33.14
White	4' x 8' x 1/2"	4305	40.42
Black	4' x 8' x 1/2"	4304	50.33

Ultra Mount Peel n' Stick

Ultra Mount Peel n' Stick comes coated on one side with high tack, pressure sensitive adhesive.

Colors	Dimensions	P/N	Price
White	4' x 8' x 3/16"	42819	23.88
Black	4' x 8' x 3/16"	4302	49.59

Ultra Core

Ultra Core is for temporary or light-duty uses. It is both economical and well-manufactured, to provide you with a quality, foam-centered art board at an affordable price.

Colors	Dimensions	P/N	Price
White	4' x 8' x 3/16"	4298	11.65
Black	4' x 8' x 3/16"	69018	13.94

TerraMax

Introducing a high-quality, cost-effective solution for your interior digital print application needs. Environmentally friendly, Omega TerraMax™ is made of a rigid paper composite board with a lightweight honeycomb core. **Sold by the carton of 10 only.**

Colors	Dimensions	P/N	Price
White Only	4' x 8' x 10mm	89538	314.26

Solvent Cast Vinyl, Opaque

IJ380Cv3-10   **3M**

This 2 mil film has slideable, repositionable, pressure-activated adhesive, and non-visible air release channels for bubble-free installations. This long-term removable cast film uses new technology with superior conformability and lifting resistance, especially for vehicle wraps with deep channels or concave areas. Use for piezo inkjet printing.

| Media Size | 54" x 50 yd | P/N 64058 | 1,075.85 |
| | 54" x 25 yd | P/N 67616 | 564.82 |

IJ180Cv3-10

A versatile 2 mil film with slideable, positionable, pressure-activated adhesive and Comply™ v3 Adhesive, with an invisible pattern and improved air release and lifting resistance from deep contours. Use this long term, removable, piezo inkjet printable film for signs, fleet graphics and watercraft, even on corrugations and rivets.

Media Size	36" x 50 yd	P/N 64363	556.97
	48" x 50 yd	P/N 64352	742.62
	54" x 50 yd	P/N 64353	835.45
	60" x 50 yd	P/N 64354	928.28

IJ180C-10

Use this 2 mil, opaque film to produce high quality, long-term graphics with selected piezo ink jet printers. The film has pressure-activated adhesive and 3M Comply™ Adhesive for easier installation of large fleet graphics, signs, and more.

Media Size	30" x 50 yd	P/N 24537	402.26
	36" x 50 yd	P/N 8567	482.71
	48" x 50 yd	P/N 13293	643.60
	54" x 50 yd	P/N 8568	724.06
	60" x 50 yd	P/N 25016	804.51

IJ180-10

Use this 2 mil, opaque film to produce medium to long-term graphics using selected piezo ink jet printers. Applications include interior or exterior vehicle graphics, signs, emblems and striping. The film offers excellent hiding power and has pressure-activated, repositionable adhesive.

| Media Size | 54" x 50 yd | P/N 8403 | 807.51 |
| | 60" x 50 yd | P/N 28586 | 897.24 |

IJ170Cv3-10

This value-priced 2 mil cast film is designed for piezo inkjet printing for wraps, fleet graphics, watercraft and signs, and application to flat-to-moderate compound curves, corrugations and rivets. This pressure-sensitive film features Comply™ v3 Adhesive with an invisible pattern, great air release and lifting resistance from deep contours. Long-term and removable.

| Media Size | 54" x 50 yd | P/N 68948 | 722.88 |

IJ3552C

This 2 mil film is intended for short-term vehicle graphics where fast, easy installation, and clean, easy removal is required. Applications include automobile, bus, commercial vehicle or fleet graphics as well as general signage. This film is designed to be piezo inkjet printed.

| Media Size | 54" x 50 yd | P/N 8578 | 647.59 |
| | 48" x 50 yd | P/N 8577 | 575.64 |

DPF 6000XRP   **ARLON**

DPF 6000XRP, a 2 mil gloss white cast film with X-scape Technology. DPF 60000XRP has bubble-release, tinted, repositionable, permanent pressure-sensitive adhesive that allows for speedy installations while maintaining high enough tack for long-term bonds. This premium quality cast face stock with a lay-flat liner is designed for large format graphics. The adhesive provides excellent opacity, easy installation and superior conformability around rivets, curves, and contours. Rated for outdoor durability up to 7 years (unprinted).

Media Size	30" x 50 yd	P/N 68889	300.00
	48" x 50 yd	P/N 68891	480.00
	54" x 50 yd	P/N 68893	540.00
	60" x 50 yd	P/N 68894	600.00

DPF 6000

DPF 6000 is specifically formulated for eco-solvent based inkjet printers to give the ultimate in resolution and quick drying. This 2 mil film features a face stock with superior conformability and an adhesive that facilitates easy installation. With an outdoor durability of 7 years unprinted, DPF 6000 is the perfect film for fleet or vehicle wraps, decals and markings over flat, corrugated, riveted or seamedsurfaces. A variety of sizes are provided to meet most applications.

Media Size	30" x 50 yd	P/N 41254	244.66
	48" x 50 yd	P/N 11651	391.44
	54" x 50 yd	P/N 11653	440.38
	60" x 50 yd	P/N 11655	489.31

MPI1005 Supercast Easy Apply RS   **AVERY**

A 2.1 mil premium gloss, white, opaque film, designed for use in fleet and vehicle graphics. Avery Dennison's Easy Apply RS™ Technology offers the benefits of reduced wrinkling and air entrapment inherent in the application of graphics, as well as repositionability and slideability for exact positioning. Up to 9-year outdoor durability unprinted; up to 5-year outdoor durability with approved printer/inks and overlaminated or clear coated.

Media Size	30" x 50 yd	P/N 56450	378.56
	54" x 50 yd	P/N 15407	681.41
	60" x 50 yd	P/N 15348	757.12

Solvent Vinyl, Clear

IJ3650-114
3M

IJ3650-114 is a piezo inkjet printable, 2 mil film with a pressure-sensitive adhesive. This film is an excellent choice for permanent, medium-term cut graphics or single panel vertical graphics and signs.

Media Size   54" x 50 yd   P/N 8571   779.57

IJ8150

An optically clear cast vinyl film that boasts a changeable adhesive.

Media Size   54" x 50 yd   P/N 84598   1,010.54

IJ61

A 3-mil intermediate, clear vinyl film with a low-tack, changeable adhesive, designed for use on windows and glass

Media Size   54" x 50 yd   P/N 85135   342.09

4500G
ARLON

DPF 4500G Clear is a 3-Mil (75 micron) gloss clear calendered film with permanent pressure-sensitive adhesive. Designed for indoor and outdoor promotional graphics, DPF 4500 is made of intermediate calendered face stock with a poly coated liner.

Media Size   54" x 50 yd

DPF 6000 Clear
DPF 6000 Clear is specifically formulated for eco-solvent based inkjet printers to give the ultimate in resolution and quick drying. This 2 mil film features a face stock with superior conformability and an adhesive that facilitates easy installation. With an outdoor durability of 7 years unprinted, DPF 6000 is the perfect film for fleet or vehicle wraps, decals and markings over flat, corrugated, riveted or seamed surfaces. A variety of sizes are provided to meet most applications.

Media Size   54" x 50 yd   P/N 11652   440.38
**   60" x 25 yd   P/N 28601   866.21**

Concept 206

Concept 206 is a 3.4-mil premium clear gloss flexible calendared PVC film coated with 200-4982 removable acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems.

Media Size   54" x 50 yd   P/N 84402   191.18

Solvent Calendered Vinyl

IJ160C-10
3M

Use this 4 mil, matte white film to piezo inkjet print interior or exterior graphics for long-term use. Applications include emblems, striping, labels, vending machines, commercial vehicle markings and more. This film has pressure-activated adhesive for easy, positionable installation.

Media Size   48" x 50 yd   P/N 8563   554.96
**   54" x 50 yd   P/N 8560   624.33**
**   60" x 50 yd   P/N 8561   693.70**

IJ40C-10R

3 mil vinyl films with a removable, pressure-sensitive adhesive and Comply adhesive for easier, bubble-free application with up to 7 year expected durability. Gloss finish, use it where a good, versatile film is needed for general signage and indoor floor and carpet graphics. It is designed for piezo inkjet or screen printing with solvent or UV inks.

Media Size   54" x 50 yd   P/N 55866   435.64

IJ40C-20R

3 mil vinyl films with a removable, pressure-sensitive adhesive and Comply adhesive for easier, bubble-free application with up to 7 year expected durability. Matte finish, use it where a good, versatile film is needed for general signage and indoor floor and carpet graphics. It is designed for piezo inkjet or screen printing with solvent or UV inks.

Media Size   54" x 50 yd   P/N 55865   435.64

IJ35C-10

IJ35C-10 is a 3.2 mil vinyl film with a permanent, pressure-sensitive adhesive and air release channels for easier, bubble-free application. IJ35C-10 is designed for solvent and UV-based piezo inkjet printing as well as screen printing where a good quality film is needed for short to long-term, indoor and outdoor promotional graphics.
IJ35C-10 is a gloss finish film.

Media Size   54" x 50 yd   P/N 69865   236.39

IJ35C-20

IJ35C-20 is a 3.2 mil vinyl film with a permanent, pressure-sensitive adhesive and air release channels for easier, bubble-free application. IJ35C-20 is designed for solvent and UV-based piezo inkjet printing as well as screen printing where a good quality film is needed for short to long-term, indoor and outdoor promotional graphics.
IJ35C-20 is a matte finish film.

Media Size   54" x 50 yd   P/N 69866   236.39

Solvent Calendered Vinyl

IJ10-10

3M

3.1-mil vinyl film with a clear, permanent, pressure-sensitive adhesive is designed for UV, solvent and latex-based inkjet printing. This good quality, budget-friendly film can be used for promotional graphics, such as signs, decals and POP displays. Gloss white finish.

Media Size   54" x 50 yd   P/N 87204   137.11

IJ10-20

3.1-mil vinyl film with a clear, permanent, pressure-sensitive adhesive is designed for UV, solvent and latex-based inkjet printing. This good quality, budget-friendly film can be used for promotional graphics, such as signs, decals and POP displays. Matte white finish.

Media Size   54" x 50 yd   P/N 87205   137.11

IJ10-114

3.1-mil vinyl film with a clear, permanent, pressure-sensitive adhesive is designed for UV, solvent and latex-based inkjet printing. This good quality, budget-friendly film can be used for promotional graphics, such as signs, decals and POP displays. Clear.

Media Size   54" x 50 yd   P/N 87206   205.07

IJ11-10

3.1-mil vinyl film with a gray, permanent, pressure-sensitive adhesive is designed for UV, solvent and latex-based inkjet printing. This good quality, budget-friendly film can be used for promotional graphics, such as signs, decals and POP displays. Gray-pigmented adhesive provides excellent hiding power over colored substrates. Gloss finish.

Media Size   54" x 164'   P/N 87208   158.21

IJ35-10

IJ35-10 is a 3.2 mil gloss vinyl film with a permanent, pressure sensitive adhesive. It is designed for solvent and UV-based piezo inkjet printing where a good quality film is needed for short- to medium-term, indoor and outdoor promotional graphics.

Media Size   54" x 50 yd   P/N 50863   215.07
**   30" x 50 yd   P/N 69900   119.48**
**   60.5" x 50 yd   P/N 69901   240.96**

IJ35-20

IJ35-20 is a 3.2 mil matte vinyl film with a permanent, pressure sensitive adhesive. It is designed for solvent and UV-based piezo inkjet printing where a good quality film is needed for short- to medium-term, indoor and outdoor promotional graphics.

Media Size   54" x 50 yd   P/N 48364   215.07
**   30" x 50 yd   P/N 69903   119.48**
**   60.5" x 50 yd   P/N 69904   215.07**

IJ-3555

This is a 4 mil white, opaque vinyl film used for short-term bus, fleet, interior and exterior graphic signs that need to be repositionable and changeable. The pressure-sensitive adhesive has excellent hiding power. The film is designed for use in select piezo ink jet printers.

Media Size   54" x 50 yd   P/N 8428   519.13

IJ36-20

IJ36-20 is a 3 mil matte vinyl film with a changeable, pressure-sensitive adhesive. Use it where a good quality film is needed for short-term king and queen board promotional graphics on transit vehicles or box trucks. It is designed for piezo inkjet or screen printing with solvent or UV inks.

Media Size   54" x 50 yd   P/N 55863   232.07
**   61.5" x 50 yd   P/N 55864   257.25**

DPF 4560GTX

ARLON

DPF 4560GTX is a 3 mil, calendered, high gloss film with tinted, permanent pressure sensitive adhesive featuring X-Scape bubble free technology. This X-Scape technology film is ideal for fast and easy installation, and doesn't compromise on adhesive strength. Paired with 3220 overlaminate, it's ideal for fleet markings and decals. Gloss finish.

Media Size   30" x 50 yd   P/N 53246   131.51
**   48" x 50 yd   P/N 53247   210.40**
**   54" x 50 yd   P/N 53248   236.71**
**   60" x 50 yd   P/N 53249   263.00**

DPF 4560MTX

DPF 4560MTX is a 3 mil, calendered, high gloss film with tinted, permanent pressure sensitive adhesive featuring X-Scape bubble free technology. This X-Scape technology film is ideal for fast and easy installation, and doesn't compromise on adhesive strength. Paired with 3220 overlaminate, it's ideal for fleet markings and decals. Matte finish.

Media Size   54" x 50 yd   P/N 86429   245.27

DPF 4560GT

DPF 4560GT is a 3 mil gloss white calendered film with tinted, permanent pressure-sensitive adhesive. The glossy face stock is designed for applications requiring High Gloss or more image "pop." The special tinted adhesive system is designed for opacity to directly cover existing graphics or dark substrates.

Media Size   30" x 50 yd   P/N 12775   99.15
**   48" x 50 yd   P/N 45488   158.64**
**   54" x 50 yd   P/N 12776   178.47**
**   60" x 50 yd   P/N 12777   198.31**

Solvent Calendered Vinyl

DPF 4590MT

DPF 4590MT is a 3 mil matte, intermediate, white calendered film with tinted permanent pressure sensitive adhesive. This digitally printed film is compatible with a wide variety of direct print systems, and has a special tinted adhesive system that is designed for opacity to directly cover existing graphics or dark substrates. The film is designed for flat surface applications for indoor and outdoor promotional graphics, and is the perfect choice for merchandising, real estate signage, fleet, vehicle markings and decals.

Media Size			
	30" x 50 yd	P/N 47347	99.15
	48" x 50 yd	P/N 47349	158.64
	54" x 50 yd	P/N 47350	178.47
	60" x 50 yd	P/N 47351	198.31

DPF 4500G

DPF 4500G is a 3 mil gloss white calendered film with permanent pressure-sensitive adhesive. Designed for indoor and outdoor promotional graphics, DPF 4500G is made of 100% polymeric face stock with a clay-coated kraft liner. The special glossy face stock is designed for applications requiring High Gloss or more image "pop." DPF 4500G is rated for outdoor durability up to 5 years (unprinted).

Media Size			
	54" x 50 yd	P/N 11638	168.48
	36" x 50 yd	P/N 11636	112.32

DPF 600GT

DPF 600GT is a 3 mil gloss white PVC calendered film with tinted, emulsion pressure-sensitive adhesive. The special tinted adhesive system is designed for opacity to directly cover existing graphics or dark substrates. It is designed for indoor and short-term outdoor graphics and offers excellent printability on a wide range of direct print systems. DPF 600GT is rated for outdoor durability up to 3 years (unprinted).

Media Size			
	30" x 50 yd	P/N 57414	66.46
	54" x 50 yd	P/N 57363	119.62
	60" x 50 yd	P/N 57364	132.91

DPF 600MT

DPF 600MT is a 3 mil matte white PVC calendered film with tinted, emulsion pressure-sensitive adhesive. The special tinted adhesive system is designed for opacity to directly cover existing graphics or dark substrates. It is designed for indoor and short-term outdoor graphics and offers excellent printability on a wide range of direct print systems. DPF 600MT is rated for outdoor durability up to 3 years, unprinted.

Media Size			
	30" x 50 yd	P/N 11618	65.15
	54" x 50 yd	P/N 11622	119.62
	60" x 50 yd	P/N 11623	132.91

DPF 4500GX

DPF 4500GX is constructed of a 3-mil white calendered film offered in gloss and coated with clear bubble releasing, permanent pressure-sensitive adhesive. The X-scape system allows installers to achieve speedy installation while maintaining high enough tack to ensure long term bond.

Media Size			
	30" x 50 yd	P/N 91858	99.15
	48" x 50 yd	P/N 91859	158.64
	54" x 50 yd	P/N 91860	178.47
	60" x 50 yd	P/N 91861	198.31

MPI 2900

A 3.2 mil white glossy calendered vinyl film ideal for solvent printing. Perfect for outdoor signage, trade show graphics, POP, and other general signage applications. Up to 4-year outdoor durability if unprinted; up to 3-year outdoor durability if printed with approved printer/inks and over-laminated or clear coated.

Media Size			
	54" x 50 yd	P/N 15416	201.03

MPI 2920

A 3.4 mil matte white flexible calendered film that offers an economical material for digital printing requirements. Up to 5-year outdoor durability if unprinted; up to 4-year outdoor durability if printed with approved printer/inks and overlaminated or clear coated.

Media Size			
	30" x 50 yd	P/N 15421	111.69
	54" x 50 yd	P/N 15359	201.03
	60" x 50 yd	P/N 15351	223.35

MPI 2921

A 3.4 mil white flexible calendered vinyl removable film that offers an economical material for digital printing requirements. Up to 5-year outdoor if unprinted; up to 4-year outdoor durability if printed with approved printer/inks and overlaminated or clear coated.

Media Size			
	54" x 50 yd	P/N 64480	201.03
	60" x 50 yd	P/N 15352	223.35

Concept 216

Concept 216 is a 3 mil white gloss flexible calendared PVC film coated with 200-5000 permanent acrylic pressure sensitive adhesivelaminated to 80# clay coated kraft liner. This vinyl film is designed to accept a variety of solvent-based and UV curable inks common to wide format digital printing systems. Permanent bond to a variety of common substrates used in graphics applications.

Media Size			
	54" x 50 yd	P/N 85721	146.96

Solvent Translucent Vinyl

IJ3630-20 **3M**

Use this 2 mil film for flat or thermoformed backlit graphics that have uniform color in both reflected and transmitted light. This white, translucent film has a synthetic layflat liner and clear, pressure-sensitive adhesive. It is approved for making permanent interior or exterior graphics on selected piezo inkjet printers.

Media Size   54" x 50 yd   P/N 8433   1,283.02

IJ63-20

This 3.2 mil matte vinyl film has changeable, pressure-sensitive adhesive. Use for promotional graphics such as signs, trade show, point-of-purchase displays, windows and taxi tops. Use with solvent or UV piezo inkjet or screen printing ink.

Media Size   54" x 50 yd   P/N 63289   354.44

DPF 6500 **ARLON**

DPF 6500 is formulated for backed and internally illuminated graphics created on solvent-based inkjet printers. This premium 2 mil cast translucent vinyl yields high-resolution images with excellent color saturation and is available in the most popular roll sizes. This product carries an outdoor durability rating of up to 7 years, unprinted.

Media Size			
30" x 50 yd	P/N 47372	296.91
48" x 50 yd	P/N 47373	475.04
54" x 50 yd	P/N 11674	534.43
60" x 50 yd	P/N 23344	593.80

MPI 2981 **AVERY**

A 3.4 mil semi-transparent calendered white film with removable adhesive for taxi tops, short-term promotional signage, retail and entertainment graphics. Up to 3-year outdoor durability if unprinted; up to 2-year outdoor durability if printed with approved printer/inks and overlaminated or clear coated.

Media Size			
54" x 50 yd	P/N 15285	216.72
60" x 50 yd	P/N 15387	240.77

Solvent Reflective Vinyl

IJ680CR-10 **3M**

This removable 7 mil, flexible, enclosed lens, retroreflective film has slideable, pressure-activated adhesive, air release channels, excellent angularity, up to 9 years durability. A white film with a typical coefficient of retroreflection of 100, use it for commercial vehicle, rail and bus graphics, sign graphics and striping. Certain ASTM and NFPA standards apply. For piezo inkjet printing.

Media Size			
48" x 50 yd	P/N 8061	2,633.54
48" x 25 yd	P/N 8437	1342.44
48" x 5 yd	P/N 8570	263.36

IJ5100R

A white, 7 mil, flexible, enclosed lens, engineer grade, retro-reflective film with excellent angularity, up to 7 years durability, excellent cutting and weeding, and removes with heat. Use for cut letters, decals, vehicle markings, non-regulated signage. Typical coefficient of retroreflection of 100. Meets ASTM D-4956 07 for Type 1 sheeting and NFPA requirements. For piezo inkjet printing.

Media Size   48" x 50 yd   P/N 18448   1,576.81

DPF 2400 **ARLON**

DPF 2400 is a 5 mil, printable, reflective vinyl designed for indoor and outdoor graphics. It is ideal for motor and railway coaches, fleet and vehicle markings, and any surface requiring increased visibility at night. This digitally-printed film, with permanent pressure sensitive adhesive, is compatible with a wide variety of direct print systems, and conforms well to both flat and irregular surfaces. DPF 2400 has a 7-year outdoor durability.

Media Size   48" x 50 yd   P/N 40030   1,241.04

Solvent Banner & Mesh

Ultrabanner® FL Gloss **ULTRAFLEX SYSTEMS INCORPORATED**

Ultrabanner® FL is a 10 oz. light weight, front-lit banner and billboard material that is best suited for short-term indoor or outdoor applications. Tear and fade-resistant, Ultrabanner FL is a great economical banner choice for UV, solvent or screen-printing.

Media Size			
38" x 164'	P/N 4405	99.85
54" x 164'	P/N 4411	141.74
63" x 164'	P/N 50941	165.54

Solvent Banner & Mesh

Ultrabanner® FL Matte

Ultrabanner® FL is a 10 oz. light weight, front-lit banner and bill-board material that is best suited for short-term indoor or outdoor applications. Tear- and fade-resistant, Ultrabanner FL is a great economical banner choice for UV, solvent or screen-printing

Media Size			
38" x 164'	P/N 4457	99.85
54" x 164'	P/N 4406	141.74
63" x 164'	P/N 50943	165.54

Jetflex® FL Gloss

JetFlex® FL is a 13 oz. quality, economical choice for an all-around outstanding front-lit banner or billboard material for UV, solvent or screen-printing. Both strong and durable, JetFlex® FL prints vibrantly and consistently and is tear- and fade-resistant.

Media Size			
30" x 164'	P/N 60588	103.80
38" x 164'	P/N 4392	131.79
54" x 164'	P/N 4394	187.10
63" x 164'	P/N 4434	218.51
72" x 164'	P/N 4402	249.93
80" x 164'	P/N 4424	277.24

Jetflex® FL Matte

JetFlex® FL is a 13 oz. quality, economical choice for an all around outstanding front-lit banner or billboard material for UV, solvent or screen-printing. Both strong and durable, JetFlex FL prints vibrantly and consistently and is tear- and fade-resistant.   .

Media Size			
38" x 164'	P/N 4393	131.79
54" x 164'	P/N 4395	187.10
63" x 164'	P/N 4398	218.51
72" x 164'	P/N 4401	249.93
80" x 164'	P/N 4425	277.24

Normandy Pro® FL Gloss

Normandy® Pro FL is a 13 oz., quality, economical, front-lit banner or billboard material for UV, solvent or screen-printing. Recommended by printer manufacturers across the globe, Normandy Pro FL is tear- and fade-resistant, strong, durable and prints vibrantly and consistently.

Media Size			
98" x 164'	P/N 3290	362.13
102" x 164'	P/N 47272	376.60
10' 6" x 164'	P/N 4284	463.51
16' 4" x 170'	P/N 32421	724.24

Normandy Pro® FL Matte

Normandy® Pro FL is a 13 oz., quality, economical, front-lit banner or billboard material for UV, solvent or screen-printing. Recommended by printer manufacturers across the globe, Normandy Pro FL is tear- and fade-resistant, strong, durable and prints vibrantly and consistently.

Media Size			
98" x 164'	P/N 3289	362.13
102" x 164'	P/N 47271	376.60
10' 6" x 164'	P/N 4377	463.51
16' 4" x 164'	P/N 31699	724.24

SuperSmooth PET Blockout

SuperSmooth PET Blockout is a 15 oz. smooth, scrimless, blockout banner material. This media is engineered primarily for indoor use and has a no curl formula giving it a lay-flat appearance without having to use hemming tapes. The blockout layer in SuperSmooth PET Blockout is made of matted PET, which allows for easier separation during the recycling process. It is best suited for double sided signs and banners that hang or are installed in banner stands.

Media Size			
38" x 164'	P/N 88925	239.62
54" x 164'	P/N 88926	340.19
63" x 164'	P/N 88927	397.30
86" x 164'	P/N 88928	546.28
126" x 164'	P/N 88929	794.59

DSS Blockout

DSS 12 oz. Blockout is a 12 oz. smooth, two sided blockout banner material that delivers similar quality printing results on both sides. DSS is compatible for use with eco solvent, latex, screen-printing, solvent and UV inks. It is best suited for indoor applications where complete banner opacity is needed. With its unique low curl formula and lay-flat appearance, DSS 12oz Blockout is perfect for pop-up or scrolling banner stands, tradeshow and event graphics, POP and any hanging banner or sign.

Media Size			
38" x 164'	P/N 88617	123.80
54" x 164'	P/N 88623	175.76
63" x 164'	P/N 88624	205.27
80" x 164'	P/N 88626	260.44
102" x 164'	P/N 88627	333.56
126" x 164'	P/N 88628	615.80

Pole Banner

Pole Banner Pro 18oz is a heavy duty blockout banner material for indoor or outdoor applications. Its uniquely woven 1000 x 1000 scrim provides strength and stability under harsh weather conditions. Pole Banner Pro 18oz is designed for two sided applications where complete opacity is necessary. Both sides have a matte finish and are compatible with eco solvent, latex, solvent and UV inks.

Media Size			
38" x 164'	P/N 88631	263.59
54" x 164'	P/N 88632	374.20
63" x 164'	P/N 88635	437.02
80" x 164'	P/N 88636	554.48
102" x 164'	P/N 88637	710.16
126" x 164'	P/N 88638	874.05
196" x 164'	P/N 88640	1,365.70

Solvent Banner & Mesh

UltraBlockout Matte, 15 oz.

Coated and printable on both sides, UltraBlockout Banner™ Pro 15 oz. is well suited for double sided signs and banners and may be used for indoor or outdoor applications under moderate weather conditions, or when complete opacity is necessary. It is not for use with outdoor pole banners or boulevard banners. The back is slightly more textured than the front, but produces quality color match from front to back.

Media Size	54" x 164'	P/N 55600	255.14
	80" x 164'	P/N 3287	378.05
	10' 6" x 164'	P/N 3286	635.67

UltraBlockout Matte, 20 oz.

UltraBlockout Banner™ Pro 20 oz. is a heavier, more durable block-out banner material than the UltraBlockout Banner™ Pro 15 oz., and can be used for a wider variety of applications including truck sides. It well suited for double sided signs and banners and may be used for indoor or outdoor applications under harsh weather conditions, or when complete opacity is necessary. Like the 15 oz. version, Ultra-Blockout Banner Pro™ 20 oz. is coated and printable on both sides for UV, solvent or screen-printing. The back is slightly more textured than the front, but produces quality color match from front to back.

| Media Size | 10' 6" x 164' | P/N 47621 | 913.77 |

Strip Mesh Plus

Strip Mesh Plus comes with a PVC backing, it is an 8 oz., PVC-coated polyester mesh, and is printable on one side with UV, solvent or screen printers. The back-side of the mesh has a protective and air-tight backer, which prevents ink spray-through when printing, and helps feed the material through the printer. This backer may be easily peeled off after printing. Strip Mesh Plus is best suited for front-lit signs and banners, and allows 37% air flow-through.

Media Size	54" x 164'	P/N 4453	221.13
	63" x 164'	P/N 4454	258.25
	72" x 164'	P/N 4455	295.37

UltraMesh 100

UltraMesh® 100 is a 10 oz., PVC-coated polyester mesh, printable on both sides with UV and solvent inks. Allowing 30% air flow-through, UltraMesh 100 is best suited for large images on building, stadium and fence wraps; murals, signs, banners and protective barriers for scaffolding, as well as theatrical and TV backdrops.

| Media Size | 10' 6" x 164' | P/N 4283 | 821.08 |
| | 16' 4" x 164' | P/N 49964 | 1,282.93 |

DPF 310

DPF 310 is a 10 oz. frontlit scrim banner, available in matte, or gloss. This material provides superior print quality for one-sided, outdoor applications. DPF 310 has an outdoor durability rating of up to 1 year (unprinted).

Media Size	38" x 50 yd	P/N 82183	45.00	Gloss
	30" x 50 yd	P/N 60742	54.76	Gloss
	48" x 50 yd	P/N 60745	87.60	Gloss
	54" x 50 yd	P/N 60747	98.56	Gloss
	63" x 50 yd	P/N 86755	114.97	Gloss
	98" x 50 yd	P/N 68669	178.85	Gloss
	10'6"x 50 yd	P/N 60749	229.96	Gloss
	54" x 50 yd	P/N 60746	98.56	Matte
	10'6"x 50 yd	P/N 60748	229.96	Matte

DPF 313 Gloss

DPF 313 is a front-lit, 13 oz., white, scrim PVC banner. DPF 313 finishes are smooth and yield high print resolution and image quality. It is a multipurpose banner suitable for digital printing, screen printing, and adhesive-backed vinyl application. DPF 313 is enhanced with 1000 Denier scrim, giving the product greater tear and curl resistance. Furthermore, DPF 313 passes the NFPA 701 fire resistant certification test. Use DPF 313 for a wide range of indoor and outdoor banner applications. DPF 313 is rated for outdoor durability up to 1 year, unprinted. Printed durability is dependent on the ink system used.

Media Size	30" x 50 yd	P/N 60751	64.91
	38" x 50 yd	P/N 60551	82.22
	48" x 50 yd	P/N 60754	103.85
	54" x 50 yd	P/N 60756	116.84
	63" x 50 yd	P/N 60559	136.39
	10' 6" x 50 yd	P/N 60758	272.60
	16' 4" x 50 yd	P/N 60566	572.82

DPF 313 Matte

DPF 313 is a front-lit, 13 oz., white, scrim PVC banner. DPF 313 finishes are smooth and yield high print resolution and image quality. It is a multipurpose banner – suitable for digital printing, screen printing, and adhesive-backed vinyl application. DPF 313 is enhanced with 1000 Denier scrim, giving the product greater tear- and curl- resistance. Furthermore, DPF 313 passes the NFPA 701 fire resistant certification test. Use DPF 313 for a wide range of indoor and outdoor banner applications. DPF 313 is rated for outdoor durability up to 1 year (unprinted). Printed durability is dependent on the ink system used.

Media Size	38" x 50 yd	P/N 60552	82.22
	48" x 50 yd	P/N 60753	103.85
	63" x 50 yd	P/N 60560	136.39
	10' 6" x 50 yd	P/N 60757	272.60
	16' 4" x 50 yd	P/N 69410	572.82

Solvent Banner & Mesh

DPF 315 Matte

DPF 315 is a 15 oz. blockout scrim banner. This material provides superior print quality for one-sided, outdoor applications but can be used for 2-sided printing. DPF 315 has an outdoor durability rating of up to 1 year, unprinted.

Media Size	54" x 50 yd	P/N 61523	129.71
	10' 6" x 50 yd	P/N 60761	302.65
	74.5" x 50 yd	P/N 64091	178.94

PVC Supreme Mesh

NESCHEN

This PVC Supreme Mesh is a closed-hole mesh that is PVC coated on both sides. It is an ultra-durable material, fungus and UV resistant, and allows for double-side printing

Media Size	10' 6" x 164'	P/N 14090	788.31
	16' 4" x 164'	P/N 1111	688.65

Bantex 10 oz. 2-Sided HERCULITE®

Designed with the high production shop in mind. Superior surface graphic fabric for the most demanding print work screen or digital. Stiffness and layflat engineered for in-line presses. High performance reinforcement, good for indoor and outdoor applications.

Media Size	37.5" x 75'	P/N 15471	123.25
	54" x 150'	P/N 47068	358.22

Bantex 13 oz. 1-Sided

Strong in any outdoor application and a smooth surface for demanding print applications. Special wide widths make 13 oz. one-sided ideal for all outdoor applications, including billboards, sign making and pole banners.

Media Size	37.5" x 150'	P/N 15489	241.67
	54" x 150'	P/N 15490	344.99
	61" x 150'	P/N 15491	438.84

Bantex 13 oz. 2-Sided

Strong in any outdoor application and a smooth surface for demanding print applications. Special wide widths make 13 oz. two-sided ideal for all outdoor applications, including sign making and pole banners.

Media Size	37.5" x 150'	P/N 15493	261.71
	54" x 150'	P/N 15494	389.17
	74.5" x 150'	P/N 15496	508.53

Bantex 18 oz. 2-Sided

Superior strength and two-sided printing. Ideal for pole banners, over-the-street banners and stadium decorations. Bantex® Blackout 18 oz. offers very low cold crack, excellent resistance to wind whip and exceptional long life.

Media Size	37.5" x 150'	P/N 15497	312.71
	54" x 150'	P/N 15498	465.76
	74.5" x 150'	P/N 15499	625.48

Specialty Solvent Media

Photo-Tex

Photo-Tex is a new, patented, adhesive media fabric paper that can be easily placed anywhere and then removed and reused as desired. Photo-Tex adhesive will not leave a sticky residue against 99% of any surface. It does not rip or wrinkle. It's not paper, but a fabric with a patented coating and adhesive for inkjet printers and safe hanging and removing. It can be illuminated with a backlight, be wrapped around wall corners, ceilings and poles, and be repositioned and reused over and over again. Actually, the adhesive never weakens. You can place Photo-Tex indoors or outdoors in any weather condition.

Media Size	30" x 100'	P/N 68878	296.93
	42" x 100'	P/N 68880	356.93
	50" x 100'	P/N 68882	438.74
	54" x 100'	P/N 68883	446.16
	60" x 100'	P/N 68884	489.24

Static Cling, White

Plastiprint's Solvent Series static cling vinyls are true, adhesive-free, cling 7 mil vinyls that cling to clean, smooth, glossy surfaces without the need of adhesives of any kind. Plastiprint's Solvent Series static cling vinyls are manufactured to order, providing the highest possible surface energy levels to ensure excellent print reliability and ink adhesion. **White.**

Media Size	54" x 150'	P/N 12874	180.00

Static Cling, Clear

Plastiprint's Solvent Series static cling vinyls are true, adhesive-free, cling 7 mil vinyls that cling to clean, smooth, glossy surfaces without the need of adhesives of any kind. Plastiprint's Solvent Series static cling vinyls are manufactured to order, providing the highest possible surface energy levels to ensure excellent print reliability and ink adhesion. **Clear.**

Media Size	54" x 150'	P/N 12875	180.00

SuperCling LTR Vinyl, Clear

SuperCling LTR is designed for short- and long-term applications on walls or other surfaces surfaces such as windows, metals, woods, plastics, paint and others. LTR's unique premium adhesive is designed for controlled tack (limited growth) for repositionability and easy long-term removability (up to 6 months), without leaving residue. 6 mil thickness.

Media Size	54" x 150'	P/N 61332	220.77

SuperCling LTR Vinyl, White

SuperCling LTR is designed for short- and long-term applications on walls or other surfaces surfaces such as windows, metals, woods, plastics, paint and others. LTR's unique premium adhesive is designed for controlled tack (limited growth) for repositionability and easy long-term removability (up to 6 months) without leaving residue. 6 mil thickness.

Media Size	54" x 150'	P/N 1434	253.85

Specialty Solvent Media

Vinyl EFX

R Tape's Vinylefx® Wide Format Series Films stop the show with eye-catching designs, and ensure perfect printing of large-format graphics for both indoor and outdoor use! These pressure-sensitive metallized 3 mil vinyl films provide exciting options over plain white vinyl, and are available on a sturdy Lay Flat liner for stability during printing.

Media Size	48" x 30'			
	Smooth Silver	P/N 39826	224.87
	Brushed Silver	P/N 39827	267.51
	Carbon Fiber	P/N 39828	267.51
	Diamond Plate	P/N 39829	267.51

Claritex Polycarbonate

Claritex® Digital Print Polycarbonate is top-coated for eco-solvent printing, and is available in 10 Mil Bright White to bestow the perfect pallet for the truest and most vibrant colors. The 95% opaque film is available in rolls.

Media Size	54" x 10 yd	P/N 79756	178.62

Concept 207 Static Cling

Concept 207 is a 7.0 mil premium clear highly plasticized flexible calendered vinyl film laminated to a 90# lay flat liner.This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems.

Media Size	54" x 75'	P/N 88175	102.75

Concept 208 Static Cling

Concept 208 is a 7.0 mil premium wite highly plasticized flexible calendered vinyl film laminated to a 90# lay flat liner.This film is designed to accept a variety of solvent-based inkjet and UV curable inks common to wide format digital printing systems.

Media Size	54" x 75'	P/N 88176	105.76

FDC 7262

FDC series 7262 print media is a calendered static cling vinyl film designed for printing window graphics and decals. This products unique construction provides easy positioning, repositioning and removal

Media Size	60" x 25 yd	clear	P/N 86944	143.15
	60" x 25 yd	white	P/N 81011	143.15

3549 Optilux Backlit

Optilux Backlit is a single-side coated, transparent polyester film with a matte coating for use with solvent inks. It is designed of high-quality graphic arts applications with high contrast in backlit boxes. Due to the higher thickness, the product is well suited for larger displays.

Media Size	36" x 66'	P/N 67238	181.54
	50" x 66'	P/N 67571	232.31
	60" x 66'	P/N 66070	303.08

3648 Optilux Backlit

This window film is a single-side coated, transparent polyester film with a matte coating for use with solvent inks. The coating is suitable for areas with high humidity and condensation. The EasyTack solvent glue is made for in- and outdoor application, and the film must be applied on the inside of the window.

Media Size	36" x 66'	P/N 12837	156.93
	50" x 66'	P/N 10912	216.93
	60" x 66'	P/N 10913	260.01

3686 TriSolv PrimeArt Paper 200 Gloss

TriSolv PrimeArt Paper is a multi-layer, coated, water- and weather-resistant high white paper, which is specially developed for solvent or UV-curing inks. TriSolv papers are suitable for billboard application, and deliver high scratch-resistance and perfect folding performance.

Media Size	30" x 165'	P/N 58699	80.01
	42" x 165'	P/N 60840	112.31
	54" x 165'	P/N 12838	144.62
	63" x 165'	P/N 12839	169.24

3689 TriSolv PosterArt Paper 135 Satin

TriSolv PostArt Paper is a multi-layer, coated, water- and weather-resistant high white paper, which is specially developed for solvent or UV-curing inks. All TriSolv papers are suitable for billboard application, and deliver high scratch-resistance and perfect folding performance.

Media Size	30" x 200'	P/N 60046	72.31

Specialty Solvent Media

3508 DuraSOL Heavy 450

DuraSOL Heavy Banner is a satin-coated and tear-resistant, rigid PVC film with a waterfast coating for solvent inks. The product has a cardboard-like touch and the printouts are characterised by high color brilliance, high image definition and long durability. Due to its stiffness, the film is well suited for rigid displays and pop-up systems. The coating allows for a very short drying time even, with low heating temperatures on eco- or true-solvent printers.

| Media Size | 36" x 66' | P/N 50434 | 203.08 |
| | 54" x 66' | P/N 63968 | 303.08 |

3608 DuraSOL POS Banner 310

DuraSOL POS Banner is a satin-coated and tear-resistant, rigid PVC film with a waterfast coating for eco- and true-solvent inks. The product has a cardboard-like touch and the printouts are characterized by high color brilliance, high image definition and long durability. Due to its stiffness, the film is well suited for rigid displays and pop-up systems. The coating allows for a very short drying time, even with low heating temperatures on the printer.

Media Size	36" x 100'	P/N 66294	240.01
	42" x 100'	P/N 50659	280.01
	54" x 100'	P/N 44247	360.01

Abaco Beach Wallcover

Whether your goal is to create a breathtaking scenic environment in a restaurant or install directional graphics in a hospital, KoroGraphics® Digital Wallcoverings will help you differentiate your facility. Specially developed and specifically formulated for today's wide-format digital printers and ink systems, KoroGraphics certified commercial wallcoverings are superior to most "OTS" (off the shelf) wallcoverings. Abaco Beach's fine, pebble matte texture is the most popular of the nine available textures.

| Media Size | 54" x 30 yd | P/N 56897 | 233.89 |
| | 54" x 60 yd | P/N 56896 | 467.78 |

Golden Gate Fabric

Golden Gate Fabric is the "bridge" between PVC banner material and textiles. It shares certain characteristics with both and makes the transition into the world of textile media an easy one. In addition, it is a great product for indoor use – from trade show signage to building graphics. Its NFPA 701 fire rating allows for use in any public area.

| Media Size | 54" x 164' | P/N 67248 | 582.70 |

VersaFabric

VersaFabric™ gets its name from its superior versatility – from indoor POP signage to outdoor tent sides and everything in between. This go-to textile brings excellent image reproduction and brilliant color finish to a vast array of graphics. It is also NFPA 701 fire rated and is available in sizes up to 98 inches.

| Media Size | 54" x 82' | P/N 77388 | 385.39 |

Monet Canvas

Monet Canvas, as the name suggests, is ideal for giclée art reproductions, as well as museum displays, in-store signage and interior decorating elements. It features a strong, flexible canvas structure with a uniform matte texture that gives any graphic that elegant artistic look.

| Media Size | 54" x 82' | P/N 65930 | 335.73 |

Mambo Fabric

Mambo Fabric is a dynamic product featuring a unique coating that creates deep rich colors. Whether it is in-store POP signage or outdoor banners for festivals or events, this is the go-to fabric for all of those everyday applications.

| Media Size | 54" x 82' | P/N 77391 | 458.08 |

Calypso Breeze Fabric

Calypso Breeze is a lightweight translucent satin polyester fabric. It features a specialty coating that delivers photorealistic imaging with a wide color gamut, fast dry time and excellent scratch resistance. The satin finish provides a unique look that is ideal for use in backlit and roll-up displays, window graphics and short-term outdoor signage – anywhere eye-catching visuals are required.

| Media Size | 54" x 100' | P/N 67258 | 400.39 |

VariTex Fabric

VariTex™ Deco Frame 250 CA is a 100% polyester knitted fabric. It has a moderate stretch and good wrinkle resistance, which makes it perfect for trade show display systems. Recommended for indoor use. For use with latex, UV-curable, aqueous pigment and dye sublimation water-based inks.

| Media Size | 41" x 98' | P/N 83174 | 363.47 |

SolvoPrint Banner 210

SolvoPrint PP Banner 210 is a cost-effective solution for POP and trade show graphics. Use this 8 mil polypropylene film in Roll Up and 4 Screen display systems. PP Banner has a matte, scratch resistant inkjet coating as well as a silver backing which provides opacity. Neschen recommends using an overlaminate on this product for added protection.

| Media Size | 36" x 98' | P/N 83032 | 119.71 |

Solvent Window Perforated Media

IJ8171   3M

Use this 4 mil cast, vinyl film to make removable, high gloss architectural and vehicle window graphics, using selected piezo ink jet printers. The 50 % perforation pattern allows a full image to be seen from the outside while still allowing good viewing from the inside.

Media Size			
	36" x 10'	P/N 49030	255.22
	54" x 10'	P/N 49031	379.30
	36" x 150'	P/N 8575	1,160.11
	54" x 150'	P/N 8576	1,724.04

IJ65

Film IJ65 is an intermediate, 6-mil vinyl film with a 50% die-perforated pattern and a removable, pressure-sensitive adhesive. This short-term film is intended for solvent and UV inkjet printing and screen printing.

Media Size	54" x 164'	P/N 76318	998.95

IJ66

Film IJ66 is a 5.8 mil vinyl film with a 40% perforation pattern and a removable, pressure-sensitive adhesive.This short-term promotional film is intended for piezo inkjet printing and screen printing.

Media Size	54" x 164'	P/N 60517	972.04

Classic Vue   CLEAR FOCUS

Exterior-mount window graphics for buses and other vehicles, bus shelters, retail signage, event centers, POP displays and a wide variety of other applications. ClassicVue's smaller hole size makes it ideal for vehicle/fleet window graphics and window graphics requiring small detail and text. 50/50% perforation pattern.

Media Size			
	36" x 100'	P/N 12425	530.77
	54" x 100'	P/N 12412	692.31
	54" x 25'	P/N 60830	215.39

Image Vue

ImageVue's 65/35% perforation pattern provides more print surface area, making it ideal for small-format window graphics and other graphics requiring small detail and text, and finer image resolution. Exterior-mount window graphics for decals, POP, retail and commercial signage, corporate identity and a wide variety of other applications. 35/65% perforation pattern.

Media Size	54" x 100'	P/N 12429	692.31

Super Vue

Exterior-mount window graphics for building wraps, bus shelters, POP, retail and commercial signage, convention centers, corporate identity and a wide variety of other applications. SuperVue's larger hole size makes it ideal for large-scale outdoor advertising, such as building wraps. 50/50% perforation pattern.

Media Size			
	54" x 100'	P/N 12419	676.93
	54" x 25'	P/N 69657	215.39

Econo Vue

An economy-grade, 6 mil black/white composite PVC with approximately 1.7-mm perforations and a clear removable acrylic pressure-sensitive adhesive. Available with a solid release liner, consisting of perforated paper laminated to clear PET film; or an unperforated solid paper release liner. 40/60% perforation pattern.

Media Size	54" x 100'	P/N 54570	360.01

Poster Vue

12 mil black/white composite, non-adhesive PVC with 1.5-mm perforations and a solid release liner consisting of perforated paper laminated to clear PET film. 35/65% perforation pattern.

Media Size	54" x 100'	P/N 66668	638.47

Solvent Floor/Sidewalk/Wall Media

IJ162-10   3M

Use this positionable, removable 4 mil film for short-term, durable floor graphics on sealed surfaces. The film has pressure-activated adhesive and a matte gloss. It is approved for use with specified piezo printers.

Media Size			
	36" x 150'	P/N 18446	387.91
	48" x 150'	P/N 8654	517.21
	54" x 150'	P/N 8655	581.85

IJ3662-10

This is a 2 mil, durable, opaque film designed for making short-term graphics that are applied to unsealed, outdoor, pedestrian traffic surfaces or selected smooth-to-rough wall surfaces. This film has excellent hiding power and can be screen-printed.

Media Size	48" x 150'	P/N 31996	872.41

IJ8624

A 2 mil removable graphic film designed for either solvent-based piezo inkjet printing or electrostatic printing. When heated and applied with 3M's application tools and techniques, these films conform to moderately textured surfaces on both flat and curved substrates, including concrete block, brick, industrial stucco and tile—similar to those surfaces commonly found in sports arena, stadiums, restaurants, retail and other public venues.

Media Size	54" x 150'	P/N 50327	743.65

IJ40C-10R

3-mil matte vinyl film with a removable, pressure-sensitive adhesive and Comply adhesive for easier, bubble-free application with up to 7 year expected durability. For use where a good, versatile film is needed for general signage and indoor floor and carpet graphics. It is designed for piezo inkjet or screen printing with solvent or UV inks

Media Size	54" x 50 yd	P/N 55866	435.64

Solvent Floor/Sidewalk/Wall Media

FDC 7335

FDC Series 7335 is a premium polyester fabric with a removable adhesive designed for printing wall graphics. This product features a unique facestock that allows for full bleed printing without edge curl and lifting.

Media Size	54" x 50 yd	P/N 91267	475.36

DPF6700

DPF 6700 is a 2-mil cast highly conformable film with agressive permanent adhesive. The film is specially formulated to conform to "hard to stick" highly textured masonry surfaces such as brick, stucco and concrete.

Media Size	54" x 50 yd	P/N 91250	577.02

DPF8000

Made of 3.8 mil, satin white engineered vinyl, DPF 8000 is best for digital prints produced with solvent based inkjet printers that will be installed in cold temperatures or on hard-to-stick to surfaces. Its adhesive is an aggressive, high tack, permanent adhesive..

Media Size	54" x 50 yd	P/N 61861	347.56

MPI 6121 Street Graphics

Engineered for outdoor street graphics and other outdoor rough surface applications where an authentic, paint-like finish is desired. Its unique "micro-fracture" technology enables the film to contour to rough surfaces by fracturing and conforming.

Media Size	54" x 50 yd	P/N 75599	1,667.25

Concept 210 Base Film

Concept 210 is a specially formulated flexible vinyl with a high performance acrylic pressure sensitive adhesive on a 90# stay-flatliner. The combination of vinyl and adhesive allows removability of the film from most common commercial tile floor substrates for up to 6 months under normal exposure conditions.

Media Size	54" x 50 yd	P/N 84033	213.20

Concept 211 Laminate

Concept 211 is a 6.0 mil clear flexible polished calendered vinyl film with a slight texture designed for use as the protective overlay for Traffic Graffic decals. Adhesive 200-4981 is a permanent acrylic pressure sensitive adhesive formulated for exceptional clarity.

Media Size	54" x 50 yd	P/N 84034	314.13

Cast Overlaminates

8518 Gloss

2 mil laminate that can enhance gloss and provide additional ultraviolet and durable physical protection for selected digitally-imaged graphic constructions. It is designed for cold roll lamination only.

Media Size	36" x 50 yd	P/N 63549	400.85
	48" x 50 yd	P/N 49117	540.04
	54" x 50 yd	P/N 8431	601.28
	60" x 50 yd	P/N 49132	668.08

8519 Luster

This 2 mil luster overlaminate is approved for use with selected piezo inkjet printers to provide graphics additional ultraviolet and physical protection. It is designed for cold roll lamination only.

Media Size	36" x 50 yd	P/N 8338	412.70
	48" x 50 yd	P/N 8632	555.99
	54" x 50 yd	P/N 8384	619.04
	60" x 50 yd	P/N 8386	687.32

8520 Matte

This 2 mil matte overlaminate is approved for use with selected piezo inkjet printers to provide additional ultraviolet and physical protection to graphics. It is designed for cold roll lamination only.

Media Size	36" x 50 yd	P/N 49723	414.77
	48" x 50 yd	P/N 28612	556.08
	54" x 50 yd	P/N 8385	619.14
	60" x 50 yd	P/N 8387	687.93

8915 Ultra Matte

This durable, UV-resistant overlaminate features pressure-sensitive adhesive. It provides warranted Scotchprint® Graphics an extra layer of protection from damaging UV rays, and the ultra-matte finish minimizes the glare from interior lights.

Media Size	54" x 50 yd	P/N 21251	619.01

8580 Gloss

This is a conformable overlaminate that provides durable physical and ultraviolet light protection when used as recommended in the base film Product Bulletin. Apply by cold roll lamination. Use with 13380 CV3-10.

Media Size	54" x 50 yd	P/N 60513	654.87

3220G

Series 3220 is a 2 mil cast vinyl overlaminate that comes with a gloss finish. With its superior conformability and 7 year outdoor durability, Series 3220 is great for protecting your interior and exterior digitally printed graphics.

Media Size	30" x 50 yd	P/N 41260	234.11
	36" x 50 yd	P/N 11659	280.92
	48" x 50 yd	P/N 11660	374.56
	54" x 50 yd	P/N 11661	421.39
	60" x 50 yd	P/N 11662	468.20

Cast Overlaminates

3230M

Series 3230 is a 2 mil cast vinyl overlaminate that comes with a matte finish. With its superior conformability and 7 year outdoor durability, Series 3230 is great for protecting your interior and exterior digitally printed graphics.

Media Size			
	30" x 50 yd	P/N 47358	229.51
	36" x 50 yd	P/N 11663	280.92
	54" x 50 yd	P/N 11665	421.39
	60" x 50 yd	P/N 11666	468.20

DOL 1060 Gloss

Premium glossy cast overlaminates with outstanding conformability. DOL 1060 Gloss delivers a high-gloss, paint-like finish suited for vehicle graphics.

Media Size			
	36" x 50 yd	P/N 15433	368.88
	54" x 50 yd	P/N 15432	553.30

DOL 1080 Matte

Premium matte cast overlaminates with outstanding conformability. DOL 1080 Matte delivers a high-gloss, paint-like finish suited for vehicle graphics.

Media Size	54" x 50 yd	P/N 15435	553.30

DOL 1360 Gloss

Avery's most conformable overlaminate makes vehicle wraps even easier. Ultra-thin 1.3 mil film assures graphics will conform easily, with a choice of finishes ideal for vehicle and fleet applications. Eliminates 'silvering' effect on UV-printed images.

Media Size			
	30" x 50 yd	P/N 56479	267.76
	48" x 50 yd	P/N 56480	428.24
	54" x 50 yd	P/N 56481	481.76
	60" x 50 yd	P/N 56482	535.29

Calendered Overlaminates

8508 Luster

Overlaminate 8508 is a 2.3-mil clear vinyl film that provides a higher gloss than the luster overlaminate 8509, as well as ultraviolet and physical protection. Apply by cold roll lamination to digitally-imaged graphics made with 3M intermediate graphic films

Media Size			
	54" x 50 yd	P/N 85908	302.41
	61" x 50 yd	P/N 85909	341.61

8509 Luster

This 4 mil luster overlaminate is approved for use with selected piezo inkjet printers to provide graphics additional ultraviolet and physical protection. It is designed for cold roll lamination only.

Media Size			
	54" x 50 yd	P/N 56238	302.41
	61" x 50 yd	P/N 56243	341.61

3420 Gloss

3420 is a 3 mil calendered gloss overlaminate that provides moderate protection for printed graphics. It performs well over flat and soft contours and offers outdoor durability up to 5 years. It's perfect for point-of-purchase displays, vending machines and architectural graphics.

Media Size			
	30" x 50 yd	P/N 57419	96.26
	36" x 50 yd	P/N 63852	115.51
	54" x 50 yd	P/N 57365	173.26
	60" x 50 yd	P/N 57418	192.51

3420 Satin

3420 is a 3 mil calendared satin overlaminate that provides moderate protection for printed graphics. It performs well over flat and soft contours and offers outdoor durability up to 5 years. It's perfect for point-of-purchase displays, vending machines and architectural graphics.

Media Size			
	30" x 50 yd	P/N 41261	96.26
	36" x 50 yd	P/N 11667	115.51
	54" x 50 yd	P/N 11669	173.26
	60" x 50 yd	P/N 11670	192.51

DOL 2060 Gloss

Premium calendered overlaminate, 3.1 mil thick, and ideal for flat to simple curve applications. DOL 2060 has a gloss finish suited for trade shows, retail graphics, bus shelters and other advertising. Outstanding resistance to abrasion and scratches, with superior UV protection and water resistance.

Media Size			
	30" x 150 yd	P/N 56465	130.23
	38" x 150 yd	P/N 56466	164.96
	48" x 150 yd	P/N 56467	221.38
	51" x 150 yd	P/N 56469	208.37
	54" x 150 yd	P/N 56470	234.41
	60" x 150 yd	P/N 56471	260.45

Calendered Overlaminates

DOL 2070 Luster

Premium calendered overlaminate, 3.1 mil thick, and ideal for flat to simple curve applications. Suited for trade shows, retail graphics, bus shelters and other advertising. Outstanding resistance to abrasion and scratches, with superior UV protection and water resistance.

Media Size			
	30" x 150'	P/N 56483	148.03
	38" x 150'	P/N 15368	187.50
	48" x 150'	P/N 56484	236.83
	51" x 150'	P/N 56485	251.63
	54" x 150'	P/N 15366	266.44
	60" x 150'	P/N 15422	296.04

DOL 2080 Matte

Premium calendered overlaminate, 3.1 mil thick, and ideal for flat to simple curve applications. Suited for trade shows, retail graphics, bus shelters and other advertising. Outstanding resistance to abrasion and scratches, with superior UV protection and water resistance.

Media Size			
	30" x 150'	P/N 56472	130.23
	38" x 150'	P/N 56473	164.96
	48" x 150'	P/N 56474	208.37
	51" x 150'	P/N 56476	221.38
	54" x 150'	P/N 56477	234.31
	60" x 150'	P/N 56478	260.45

Print Shield Base

Print Shield Base is specifically designed for short-term applications such as Point of Sale, where quick turnaround is key to achieving good promotional success. Although perfect for indoor applications the films can be used for basic protection in an outdoor environment. This cost effective luster laminate provides a short-term protection against dirt and abrasion.

Media Size			
	25" x 200'	P/N 15671	193.16
	38" x 200'	P/N 15672	297.61
	41" x 200'	P/N 15673	319.07
	51" x 200'	P/N 15674	403.48
	61" x 200'	P/N 15675	480.04

3PVC Gloss

Eclypse PVC films are 3.2 mil UV-Resistant Calendered Vinyl and enhance colors with UV protection.

Media Size			
	38" x 150'	P/N 8516	146.16
	51" x 150'	P/N 8517	196.16
	54" x 150'	P/N 8518	207.70
	61" x 150'	P/N 8519	234.62

3PVC Luster

Eclypse PVC films are 3.2 mil UV-Resistant Calendered Vinyl and enhance colors with UV protection.

Media Size			
	38" x 150'	P/N 8524	146.15
	51" x 150'	P/N 8525	196.15
	54" x 150'	P/N 8526	207.70
	61" x 150'	P/N 8527	234.62

3PVC Matte

Eclypse PVC films are 3.2 mil UV-Resistant Calendered Vinyl and enhance colors with UV protection.

Media Size			
	38" x 150'	P/N 8528	146.16
	51" x 150'	P/N 8529	196.16
	54" x 150'	P/N 8530	207.70
	61" x 150'	P/N 8531	234.62

Print Shield Base Gloss

Print Shield Base is specifically designed for short-term applications such as Point of Sale. Although perfect for indoor applications the films can be used for basic protection in an outdoor environment. This cost effective gloss laminate provides a short-term protection against dirt and abrasion.

Media Size			
	25" x 200'	P/N 15665	177.42
	38" x 200'	P/N 15666	297.61
	41" x 200'	P/N 15667	319.07
	51" x 200'	P/N 15668	403.48
	54" x 200'	P/N 15725	429.24
	61" x 200'	P/N 15669	480.04

Print Shield Base Matte

Print Shield Base is specifically designed for short-term applications such as Point of Sale. Although perfect for indoor applications the films can be used for basic protection in an outdoor environment. This cost effective matte laminate provides a short-term protection against dirt and abrasion.

Media Size			
	25" x 200'	P/N 15676	187.44
	38" x 200'	P/N 15677	312.64
	41" x 200'	P/N 15678	334.10
	51" x 200'	P/N 15679	417.79
	54" x 200'	P/N 15724	448.56
	61" x 200'	P/N 15680	500.77

Print Shield Base Luster

Print Shield Base is specifically designed for short-term applications such as Point of Sale. Although perfect for indoor applications the films can be used for basic protection in an outdoor environment. This cost effective luster laminate provides a short-term protection against dirt and abrasion.

Media Size			
	38" x 200'	P/N 80924	206.76
	51" x 200'	P/N 80655	277.57
	54" x 150'	P/N 80925	220.34
	60" x 150'	P/N 80926	244.67

Window Film Overlaminates

8914

3M

This conformable, clear vinyl overlaminate is designed for use with window films to protect the graphic from environmental factors such as dust, water and dirt that may collect in perforated areas. Optically clear.

Media Size	36" x 50 yd	P/N 8638	682.76
	54" x 50 yd	P/N 8420	1,024.14
	36" x 10 yd	P/N 49032	143.39
	54" x 10 yd	P/N 49033	215.07

3200

ARLON

Series 3200 is constructed of 2 mil cast vinyl film with optically clear, permanent pressure-sensitive adhesive. Designed to protect and prolong the life of printed images for window applications, Series 3200 extends the life of graphics by 2 years. Series 3200 is rated for outdoor durability up to 7 years.

Media Size	30" x 50 yd	P/N 44390	257.46
	36" x 50 yd	P/N 44391	308.95
	54" x 50 yd	P/N 44392	463.42
	60" x 50 yd	P/N 44393	514.91

CurvaLam

CLEAR FOCUS

1.65 mil optically clear cast PVC, conformable, pressure-sensitive (cold) overlaminate with clear release liner.

Media Size	36" x 100'	P/N 12427	381.54
	54" x 100'	P/N 12428	460.01

ClearLam

1.5 mil optically clear polyester, pressure-sensitive (cold) overlaminate **with clear release liner. Flat surface applications only.**

Media Size	36" x 100'	P/N 12420	152.31
	54" x 100'	P/N 12421	209.24

Concept 115

General FORMULATIONS

Concept 115 Optically Clear Overlaminating Film is a pressure sensitive vinyl film with the optically clear permanent acrylic pressure sensitive adhesive on a smooth polyester liner. This glossy flexible vinyl affords protection to graphics from ultra violet radiation, moisture and abrasion.

Media Size	54" x 50 yd	P/N 84401	325.57

Floor/Sidewalk/Wall Overlaminates

3645 Luster

3M

This 8 mil scuff-resistant, durable overlaminate is designed to provide a slip resistant-surface when use in the production of floor graphics.

Media Size	36" x 50 yd	P/N 32071	742.51
	48" x 50 yd	P/N 12561	990.01
	54" x 50 yd	P/N 8595	1,113.76

Floor/Sidewalk/Wall Overlaminates

3647 Matte

Use this 19 mil, transparent overlaminate to make scuff-resistant, slip-resistant graphics for outdoor floors, sidewalks or pavement. It has exterior, short term durability, excellent resistance to wear from high foot traffic, pressure-sensitive adhesive and a polycoated kraft paper liner.

Media Size	48" x 50 yd	P/N 22646	2,366.87

8524

Specially-formulated plastic overlaminate, for use exclusively on 3M™ Scotchcal™ Graphic Film IJ8624 or 8624 for Textured Surfaces.

Media Size	54" x 50 yd	P/N 50328	587.57

109 SR5 Overlay Film

General FORMULATIONS

A 5.0 mil clear rigid calendared vinyl film with a slight texture designed for use as a protective overlay. This vinyl overlayfilm should be considered as an inexpensive alternative to polycarbonate overlay. Adhesive 200-5025 is a permanentacrylic pressure sensitive adhesive formulated for exceptional clarity.

Media Size	54" x 50 yd	P/N 34270	344.76

Print Shield Floor Guard

SEAL

Offers excellent durability for both horizontal and vertical display graphics. It features a slip- and scuff-resistant vinyl surface that easily masks fingerprints and surface dirt, while providing excellent image viewing properties.

Media Size	38" x 200'	P/N 58942	487.19
	54" x 200'	P/N 58943	643.14

3PC-V Polycarbonate Claritex

Designed for Interior POP, rollable and reusable graphics, PC-V series is a pressure-sensitive polycarbonate with a velvet finish, .3 mil thickness.

Media Size	38" x 150'	P/N 60857	303.31
	51" x 150'	P/N 60859	353.07

5PC-V Polycarbonate Claritex

Designed for Interior POP, rollable and re-usable graphics, PC-V series is a pressure-sensitive polycarbonate with a velvet finish. 5 mil thickness.

Media Size	38" x 150'	P/N 60863	394.62
	51" x 150'	P/N 60728	461.00

10PC-V Polycarbonate Claritex

Designed for Interior POP, rollable and re-usable graphics, PC-V series is a pressure-sensitive polycarbonate with a velvet finish. 10 mil thickness.

Media Size	38" x 150'	P/N 60865	577.31
	51" x 150'	P/N 60866	676.77

Roll to Roll Inkjet Printers

JV33-160s
Solvent Inkjet Printer

Mimaki's affordable, high performance JV33-160s is a perfect fit for the shop looking for a proven winner to produce digital graphics. A new high-speed print head containing 180 nozzles x 8 lines, allows for ease of assembly and calibration. With its increased print head accuracy, the JV33 delivers truly high quality prints up to 1440 dpi. The JV-33 is also available in 53.5" and 103.6" print widths.
Media Width: 63"
Print Resolution: Up to 720 x 1440 dpi
Inkset: Solvent (SS21), Eco-solvent (ES3)
Aqueous, Pigment or Dye Sublimation

CJV30-160s Solvent Inkjet Printer

The CJV30-160 offers the ability to print and cut your vinyl graphic with the same machine. The new 8-channel printhead offers ease of maintainence with quality prints. UISS ink delivery system is standard. The CJV30 is also offered in print widths of 24", 40.1", and 53.5".
Media Width: 63"
Print Resolution: Up to 720 x 1440 dpi
Inkset: Solvent (SS21), Eco-solvent (ES3)

JV34-260 Solvent Inkjet Printer

The 102.3-in.-wide, JV34-260 printer produces signs, banners, flags or other print media at speeds up to 30 sq. m./hr. The 1,440-dpi printer includes Mimaki's RasterLink Pro5 RIP software, newly-designed, staggered (piezo, DOD) printheads that produce three variable dot sizes; an uninterrupted ink-supply system, a web-tensioning, automatic feeder and a three-way, intelligent heater system that allow unattended production
Media Width: 102"
Print Resolution: Up to 720 x 1440 dpi
Inkset: Solvent (SS21), Dye Sublimation (SB52)

JV-400LX Latex Printer

The JV400-130/160LX supports six colors plus white, and the world's first latex printer using white ink. The JV400-130/160LX is equipped with Mimaki's MCT (Mimaki Circulation Technology) ink circulation system that prevents pigment sedimentation for stable ink dispersion and a reduced need for manual ink cartridge circulation processes. A low curing temperature of 60 degrees C or below also enables printing on a wide range of heat-sensitive materials. Exceptional quality is ensured by a minimum dot size of 4 picoliters and the ability to use variable sized ink dots for smooth gradation without a grainy appearance.
Media Width: 63"
Print Resolution: Up to 900 x 1200 dpi
Inkset: Latex. C, M, Y, K, Lc, Lm, + white

W-64s
Solvent Inkjet Printer

SII   Seiko I Infotech Inc.

The new ColorPainter W series mild solvent inkjet printers from Seiko are available in two sizes, the W-64s 64" and the W-54s 54" widths. There are also two color configurations for both sizes, the 4 color type for lower operating costs and the 6 color type for better image quality. New additional features include CP Manager software for remote printer diagnostics, Smart Pass 3 for reduced banding and Smart Nozzle Mapping for increased printhead life. The newly developed IX ink series offers an HAP-free formulation for those looking for a "green" solution".
Media Width: 64"
Print Resolution: Up to 900 x 900 dpi
Inkset: Low Odor EG-Outdoor EX solvent & IX HAP-free

H2-74s Solvent Inkjet Printer

The H2-74s achieves class-fastest printing speed of 538 sq.ft./hr in the 8-color mode and 1075 sq.ft./hr with the dual 4 color configuration. Smart Pass print technology greatly reduces banding. Second generation Seiko printheads allow for quality "draft mode" prints with "double drop" inkjetting. 1.5 liter ink bags replace bulky cartridges.
Media Width: 75"
Print Resolution: Up to 720 x 720 dpi
Inkset: Low Odor EG-Outdoor EX solvent

H2-104s Solvent Inkjet Printer

The H2-104s achieves class-fastest printing speed of 538 sq.ft./hr. in the 8-color mode and 1075 sq.ft./hr. with the dual 4 color configuration. Smart Pass print technology greatly reduces banding. Second generation Seiko printheads allow for quality "draft mode" prints with "double drop" ink jetting. 1.5 liter ink bags replace bulky cartridges.
Media Width: 104"
Print Resolution: Up to 720 x 720 dpi
Inkset: Low Odor EG-Outdoor EX solvent.

Hybrid UV Inkjet Printers

UJV-160 Hybrid Printer **Mimaki**

With the abilty to print to heat-sensitive substrates, the UJV-160 offers the flexibility of a hybrid UV printer with the addition of state-of-the-art LED UV curing technology. The UJV-160 can print rigid media up to .4" thick as well as roll-to-roll products.
Media Width: 63"
Print Resolution: Up to 1200 dpi
Inkset: UV. C, M, Y, K + white

Flat-Bed UV Inkjet Printers

JF-1631 Flatbed Printer **Mimaki**

The Mimaki JF-1631 flatbed UV inkjet printer utilizes a 5' x 10' vacuum table to print on a variety of rigid substrates. The JF-1631 can print on transparent media, as well as dark substrates with the included white ink. A newly-developed clear ink allows for the application of a high gloss protective layer for increased longevity. The JF-1610 is also available with a 63" x 40" print area.
Print Area: 63" x 122", up to 2" thickness
Print Resolution: Up to 1200 x 1200 dpi
Inkset: UV. C, M, Y, K, Lc, Lm + white. Clear available.

UJF-3042 Flatbed UV Inkjet Printer

The most affordable UV LED curing printer in the market is the Mimaki UJF-3042. This compact tabletop printer will print everything up to 2" in thick-ness. The UV LED curing system does not generate excessive heat which allows the printing of heat-sensitive material. The sim-ultaneous white over and underprinting with the two staggered printhead arrangement allows for print speeds the same as color printing.
Print Area: 12" x 16", up to 2" thickness
Print Resolution: Up to 1200 x 1440 dpi
Inkset: UV. C, M, Y, K, Lc, Lm + white. Clear available.

OCE Arizona 318GL Flatbed Inkjet Printer

Océ Arizona® 318 GL UV flatbed printer, designed as a capable, introductory-level printer that allows smaller shops to produce high-quality, UV-cure, flatbed printing. With Océ VariaDot® imaging technology, the 318GL offers the same platform and application versatility as Océ's popular Arizona 360 GT printer. The 318 GL UV accepts 49.2 x 98.4-in. rigid media up to 1.89 inches thick. In Express Mode, it images up to 194 sq. ft./hr.
Maximum Print Area: 49.6"x98.8"
Print Resolution: Up to 1440 dpi
Inkset: UV, C, M, Y, K + white

OCE Arizona 360GT Flatbed Inkjet Printer

The Océ Arizona 360 GT printer is the next generation model of the award-winning Océ Arizona printer line.
A White Ink Option is available for under-printing on non-white media or objects, over-printing for backlitapplications on transparent media and/or printing white as a spot color.
Production print speeds give users the ability to print nearly 60 full-sized boards—or 1615 ft.2 (150 m2) of flexible media—in a single 8-hour shift. The Océ Arizona 360 GT printer uses UV curable inks and Océ VariaDot™ imaging technology to deliver near-photographic image quality on a wide range of rigid or flexible media. Take on work that was never before possible with lesser quality printing systems. The Océ Arizona 360 GT printer gives you endless opportunities to increase your display graphics revenue.
Maximum Print Area: 49.6"x98.8"
Print Resolution: Up to 1440 dpi
Inkset: UV, C, M, Y, K + white

OCE Arizona 550GT Flatbed Inkjet Printer

The Océ Arizona 550 GT printer features a Production print mode of up to 433 square feet per hour on rigid media without sacrificing any of the award-winning print quality for which the Océ Arizona Series is famous. This enables users to print more than 100 four-by eight-foot boards in a single eight-hour shift. With this productivity, print providers can confi-dently take on peak demand and rush jobs. An Express print mode will also be available with print speeds of up to 721 square feet per hour, or 22 four- by eight-foot boards per hour, nearly three times higher than the fastest print speed available on the Océ Arizona 350 GT printer.
Maximum Print Area: 49.6'x98.8"
Print Resolution: Up to 1440 dpi
Inkset: UV, C, M, Y, K + white

OCE Arizona 360XL / 550XL Flatbed Inkjet Printer

These models are similar to the 360GT and 550GT above but they offer a printing bed that is twice the size. The printing bed on these models are 98"x120" instead of 49"x 98" and offer an increased printing speed.

Plotters

FC-8000 Series Plotters

The FC8000 series High Performance cutting plotter is an industry leader for sign makers, graphic artists, automotive aftermarket professionals, countertop installers and other related users. The FC8000 series features a maximum cutting speed of 58.5 in/sec, 4.0G maximum acceleration, and 20 to 600g selectable cutting forces, allowing users to process diamond grade, high-intensity reflective film, sandblast resist rubber, automotive window & paint protection films, self-adhesive vinyl and other media types.

Media Width	24"	FC8000-60	P/N 62866
	30"	FC8000-75	P/N 62867
	42"	FC8000-100	P/N 62868
	54"	FC8000-130	P/N 62869
	64"	FC8000-160	P/N 62870

CE-5000 Series Plotters

The Graphtec CE5000 series professional cutting plotters update the extremely successful CE3000Mk2 series with improved features, as well as a cleaner, "greener" electronic design and manufacturing process to minimize the environmental impact of the equipment throughout its life cycle. Each CE5000 comes standard with: floor stands, rear media roll rack, ROBO Master software, Cutting Master Plug-in, plus Graphtec's ARMS (Automatic Registration Mark Sensor) system.

Media Width	24"	CE5000-60	P/N 47105
	48"	CE5000-120	P/N 47106

CG-FX Series Plotters

The Mimaki CG-FX series is capable of hitting even the most complicated contour cuts with the kind of speed and precision you need. The photo-electric eye sensor allows for precise continuous cutting of your entire roll of media. With the original "Half Cut" function, the backing sheet can be cut leaving a little bit of half cut connecting points,which can be easily detached when necessary. Various media without backing sheets can be also cut.

Media Width	30"	CG75-FX	P/N 12339
	30"	CG130-FX	P/N 12340
	42"	CG160-FX	P/N 12341

enVision Series Plotter

The enVision series sprocket-feed plotters are designed for the rigors of everyday use. These workhorse machines offer the ultimate in speed, reliability and durability. The enVision plotters offer ultra-precise tracking and automatic material alignment and are the fastest sprocket-feed plotters on the market.

Media Width	15"	enVision,	P/N 10837
	30"	enVision 750	P/N 10836

GS Plus Series Plotter

The GS Plus series is the Gerber family of highly accurate stepper motor sprocket plotters that use perforated materials. These open-architecture workhorses feature KMS – Knife Mode Switching technology, for optimal cutting of all materials. GS plotters are simple to learn and operate, and define the term "unattended-operation". Includes accessory kit, knife tool holder and blade, pen, and material roll holder.

Media Width	15"	GSX 15 Plus	P/N 12037
	30"	GS 750	P/N 61164

Thermal Printer

Edge FX Thermal Resin Printer

The Gerber Edge is an advanced digital printing solution that is designed for sign makers, screen printers, and other graphic professionals seeking to quickly produce indoor and outdoor short run graphics. The Edge FX is a thermal transfer device that uses heat and pressure to transfer resin-based pigments to over 30 different substrates.

P/N 13270

Cutters & Routers

M Series
Flatbed Cutter

 GERBER

The Gerber M Series flatbed cutter is a powerful and versatile solution for automatic print-to-cut finishing of a wide spectrum of graphic outputs. From routing inkjet-printed corrugated plastic, to kiss-cutting vinyl decals, to contour cutting and creasing of digital offset POP graphics, the Gerber M Series can handle all your finishing needs accurately and 100% digitally, expanding your capabilities while maximizing the productivity and efficiency of your operations.

Table Size   103" x 148"   M3000   P/N 56170
**   95" x 77"   M1200   P/N 56700**

Sabre 408 Router

Gerber Sabre routers are ideally suited for dimensional sign making, woodworking, and parts fabrication applications. Sabre routing systems offer high-speed letter and graphic design routing along with dependability, flexibility, ease of use, and minimal maintenance. Increase capacity while reducing customer lead times with the Gerber Sabre. Combine the Sabre with Gerber's top of the line router bits for a complete automated routing solution.

Table Size   54" x 121"   408   P/N 42038

Laminators

62 Pro D
Laminator

SEAL

The SEAL 62 Pro D is the next generation professional laminators. With fully adjustable temperature, speed and pressure settings, this laminator is ideal for the more experienced user who requires a highly versatile laminator. This 61" wide laminator has dual heated rollers for hot or cold lamination.

P/N 65274

54 Base EL
Laminator

The SEAL 54 Base laminator represents SEAL's latest offering to the rapidly moving sign and display market. Ideal for mounting and laminating pressure-sensitive solutions up to 52", this machine represents a flexible package at an affordable price, yet without compromising its functionality. Cold lamination only.

P/N 43853

RollsROLLER

The ROLLSROLLER® is used for all types of self-adhesive foil applications, including banners, signs, road signs and markers, glass application, coloring of large areas and application on substrates up to six centimetres thick. Its uses are almost infinite. The ROLLSROLLER® minimizes waste and produces perfectly flat application without bubbles and creases. Manual application on really big signs involves a lot of climbing and knee-bending. The ROLLSROLLER® gives you an ergonomic working position that spares your back and knees. Available in several models and sizes.

P/N 91384

Air Filtration Systems

Duster
2000 FC

ISLAND CLEAR AIR

The Duster 2000 removes dust, odors, smoke, voc's, mists, spray powder, toxic fumes, pollen and bacteria, and a lot more. This unit is perfect for industrial or print shops where fumes and particles are present in the air.

P/N 12500

CaptiveAir
Fume Control System

PAT®

Traditionally, air purification and treatment has dealt with removing particulate and contaminates from the air after they are released. This reactionary process of treating the air exposes your employees and the enviromnent to fumes from solvents. CaptiveAir cleaning products offer a proactive process of removing fumes from drying solvent based inks at the source, on the printer.

P/N 12500

Digi-Dry
InfraRed Dryer

Black Body®
BBC INDUSTRIES, INC.

The Digi-Dry is a portable infra-red heat system that is designed to roll up to your solvent inkjet printer and assist with drying the ink to a full cure. Works with all printer models.

P/N 44660.

Software

FlexiSign PRO Software

The SAi flagship product, offers the total solution for any Sign Making business. With genuine Adobe® PostScript® 3 RIP engine, ICC profile support and built-in direct drivers, FlexiSIGN-PRO offers a complete set of design, cutting, RIPing and printing tools for maximum productivity.

P/N 66259 Call for pricing.

FlexiEXPERT Software

The package for the professional signmaker who requires advanced vinyl cutting and bitmap editing tools, without color-printing output. FlexiEXPERT includes full design, text serialization and color tracing features, as well as job estimating for accurate project management and design templates for faster production.

P/N 66260 Call for pricing.

FlexiPRINT & CUT Software

A brand-new design, scanning and tracing software package with complete cutting output. FlexiPRINT & CUT has the versatility to RIP and print to two devices simultaneously. Text Styles and Job Statistics are also included for impeccable results.

P/N 66271 Call for pricing.

FlexiSIGN Software

The mid-level Sign Making package provides exceptional tools to produce high-quality signage without a large initial investment. In addition to design, vinyl cutting, scanning and tracing capabilities, FlexiSIGN also includes Job Statistics and Text Styles for enhanced performance.

P/N 55229 Call for pricing.

FlexiLETTER Software

The entry-level layout and cutting package, features file import/export, full text manipulation and direct drivers for the industry's most popular vinyl cutters.

P/N 66266 Call for pricing.

FlexiDESIGNER Software

A program you can use as a second, design-only station. Get all the design, layout and image editing features of FlexiSIGN-PRO, as well as file preparation for output on another Flexi Family station, without the full price investment. Offers the total solution for any sign making business.

P/N 66268 Call for pricing.

PhotoPRINT SERVER-PRO Software

The complete client-server RIP solution package includes extended capabilities and cost-saving features. Additional features include an EDITOR station for layout and design and Color Profiler for output profile creation and editing.

P/N 55221 Call for pricing.

PhotoPRINT SERVER-PRO Software

The client-server RIP solution for networks and large production environments, featuring productivity tools such as Job Priority, Page Nesting and Job Nesting. These tools will make workflow to multiple printers generate accurate and consistent results in any volume.

P/N 55222 Call for pricing.

PhotoPRINT DX Software

An unparalleled layout package with design capabilities for text, shapes and effects, combined with the versatility to RIP and print to two devicessimultaneously. The design and output of Print & Cut decals is straightforward and accurate with this integrated solution.

P/N 55223 Call for pricing.

PhotoPRINT SE Software

A RIP solution with the fundamentals for the single-workstation environment. Send jobs to RIP and print directly from popular design applications such as Adobe Photoshop® and Illustrator®, QuarkXPress®, CorelDRAW®, and CAD/AEC/GIS engineering solutions.

ProductionHouse Software

ProductionHouse is ideal in locations where there are three or more printers, from the same or different manufacturers. ProductionHouse users are looking for a single, full-featured workflow solution that will keep their printers running at top speed while automating the majority of production processes. Experience, reliability, scalability, and universality are key. ProductionHouse comes with two PostScript RIPs and support for four active printers, so you can print to four printers simultaneously and RIP two jobs at the same time. You'll get all the features of RipCenter and PosterShop, plus Step & Repeater for seamless pattern tiling and the new Contour Cut feature.

P/N 71862 Call for pricing.

Software

PosterShop Software

PosterShop is ideal in locations where there are three or more printers, from the same or different manufacturers. PosterShop users are looking for a single, full-featured workflow solution that will keep their printers running at top speed while automating the majority of production processes. Experience, reliability, scalability, and universality are key. PosterShop comes with one PostScript RIP and support for two active printers, so you can print to two printers simultaneously and RIP two jobs at the same time. You'll get all the features of RipCenter plus & Repeater for seamless pattern tiling and the new Contour Cut feature.

P/N 48036 Call for Pricing

PrepEdge Software

ONYX PrepEdge™ is a complete print job preparation tool for in-shop job preparation. It has all of the job preparation tools that prepress designers need to prepare, preflight and fix wide-format print jobs. PrepEdge is available for Mac or PC and can be used with any RIP software. PrepEdge will save your print shop time and money by increasing the efficiency of your workflow, ultimately resulting in cost savings. ONYX PrepEdge Pro can take care of all of your shop's job preparation needs, from simple sizing, tiling, and placing grommets, to cut marks and cut paths to color correction and PDF editing.

Call for pricing.

Digital Solvent Inks

ColorPainter 64s/100s

1000 ML cartridges.

IP6-101 Yellow	P/N 10342	268.50
IP6-102 Magenta	P/N 10343	268.50
IP6-103 Cyan	P/N 10344	268.50
IP6-104 Black	P/N 10345	268.50
IP6-105 Light Cyan	P/N 10346	268.50
IP6-106 Light Magenta	P/N 10347	268.50

ColorPainter V-64s

500 ML cartridges. EX Series.

IP5-201 Yellow	P/N 69295	154.36
IP5-202 Magenta	P/N 69296	154.36
IP5-203 Cyan	P/N 69298	154.36
IP5-204 Black	P/N 69299	154.36
IP5-205 Light Cyan	P/N 69300	154.36
IP5-206 Light Magenta	P/N 69301	154.36

ColorPainter V-64s

500 ML cartridges. LX Series.

IP5-701 Yellow	P/N 76720	119.14
IP5-702 Magenta	P/N 76722	119.14
IP5-703 Cyan	P/N 76723	119.14
IP5-704 Black	P/N 76724	119.14
IP5-705 Light Cyan	P/N 76725	119.14
IP5-706 Light Magenta	P/N 76726	119.14

ColorPainter H-74s/H104s

1500 ML cartridges.

IP7-101 Yellow	P/N 65278	330.00
IP7-102 Magenta	P/N 65279	330.00
IP7-103 Cyan	P/N 65280	330.00
IP7-104 Black	P/N 65281	330.00
IP7-105 Light Cyan	P/N 65282	330.00
IP7-106 Light Magenta	P/N 65284	330.00
IP7-107 Grey	P/N 65288	330.00
IP7-108 Light Grey	P/N 65292	330.00

ColorPainter W-64s

500 ML cartridges. GX Series.

IP5-301 Yellow	P/N 84993	112.50
IP5-302 Magenta	P/N 84994	112.50
IP5-303 Cyan	P/N 84995	112.50
IP5-304 Black	P/N 84996	112.50
IP5-305 Light Cyan	P/N 84997	112.50
IP5-306 Light Magenta	P/N 84998	112.50

ColorPainter W-64s

500 ML cartridges. IX Series.

IP5-311 Yellow	P/N 88584	132.50
IP5-312 Magenta	P/N 88586	132.50
IP5-313 Cyan	P/N 88587	132.50
IP5-314 Black	P/N 88588	132.50
IP5-315 Light Cyan	P/N 88589	132.50
IP5-316 Light Magenta	P/N 88590	132.50

HP 9000/10000 Replacement

1000 ML cartridges. EG Outdoor LX Series

IP6-701 Yellow	P/N 70203	217.14
IP6-702 Magenta	P/N 70205	217.14
IP6-703 Cyan	P/N 70207	217.14
IP6-704 Black	P/N 70208	217.14
IP6-705 Light Cyan	P/N 70209	217.14
IP6-706 Light Magenta	P/N 70210	217.14

Digital Solvent Inks

JV-3

440 CC cartridges. Mild Solvent

SS-2 Yellow	P/N 10245	124.00
SS-2 Magenta	P/N 10244	124.00
SS-2 Cyan	P/N 10242	124.00
SS-2 Black	P/N 10243	124.00
SS-2 Light Cyan	P/N 10246	124.00
SS-2 Light Magenta	P/N 10247	124.00

JV-33 / CJV30

440 CC cartridges. Mild Solvent

SS-21 Yellow	P/N 54395	124.00
SS-21 Magenta	P/N 54396	124.00
SS-21 Cyan	P/N 54397	124.00
SS-21 Black	P/N 54394	124.00
SS-21 Light Cyan	P/N 54398	124.00
SS-21 Light Magenta	P/N 54399	124.00

JV-5

440 CC cartridges. High Solvent.

HS SPC-0473Y Yellow	P/N 43550	124.00
HS SPC-0473M Magenta	P/N 43551	124.00
HS SPC-0473C Cyan	P/N 43552	124.00
HS SPC-0473K Black	P/N 43549	124.00
HS-SPC-0473LC Lt. Cyan	P/N 43553	124.00
HS-SPC-0473LM Lt. Mag.	P/N 54399	124.00

Roland, Solaris Eco-Sol Max — LiqueColor

440 CC cartridges.

Yellow	P/N 67277	89.95
Magenta	P/N 67276	89.95
Cyan	P/N 67275	89.95
Black	P/N 67274	89.95
Light Cyan	P/N 67279	89.95
Light Magenta	P/N 67278	89.95

Mimaki JV-3, Solaris Eco-Sol Max

440 CC cartridges.

Yellow	P/N 67284	89.95
Magenta	P/N 67283	89.95
Cyan	P/N 67282	89.95
Black	P/N 67281	89.95
Light Cyan	P/N 67286	89.95
Light Magenta	P/N 67285	89.95

Mimaki JV-33, Solaris Eco-Sol Max

440 CC cartridges.

Yellow	P/N 69962	89.95
Magenta	P/N 69961	89.95
Cyan	P/N 69959	89.95
Black	P/N 69960	89.95
Light Cyan	P/N 69963	89.95
Light Magenta	P/N 69964	89.95

Digital UV Inks

JF-1631 Flatbed

440 CC cartridges.

Yellow	P/N 50531	124.00
Magenta	P/N 50530	124.00
Cyan	P/N 50529	124.00
Black	P/N 50532	124.00
Light Cyan	P/N 50533	124.00
Light Magenta	P/N 50534	124.00
White	P/N 50535	124.00
Clear	P/N 50536	124.00

GerberCat ION Flatbed — GERBER

1 liter pouch.

Yellow	P/N 69760	245.00
Magenta	P/N 69759	245.00
Cyan	P/N 69758	245.00
Black	P/N 69757	245.00
ION Starter Kit	P/N 61212	1072.00
Head Clean Fluid, 125 ML	P/N 64894	47.85
Flushing Fluid, 250 ML	P/N 63243	75.00
Foam Tip Swabs, 50 pack	P/N 44914	32.96

Digital Aqueous Inks

Roland Quadra K Ink & Film — MacDermid

220 ML cartridges.

Black	P/N 16077	963.00
Quadra Film, 44" x 100'	P/N 15988	701.00
Quadra Film, 54" x 100'	P/N 15989	859.55

CREDIT APPLICATION

REECE SUPPLY COMPANY   **(Please print clearly, in ink.)**   **CREDIT APPLICATION**
Complete and Fax to (972) 785-0512

Check One
□ Corporation   □ Partnership   □ Proprietorship   □ Non-profit   □ Limited Partnership   □ Trade Name

DBA Name_____ Contact Name _____ FAX#_____

Area Code & Number

Billing Address_____ Phone_____

Number   Street   City   State   Zip   Area Code & Number

Shipping Address_____ Phone_____

Number   Street   City   State   Zip   Area Code & Number

Others Authorized to Purchase _____ Do You Require a Purchase Order? □ Yes □ No

Email _____ Years in Business_____ Credit Line Requested _____

Officer or
Owner's Name_____ Title _____Date of Birth _____ SS#_____

Resident Address _____ Phone_____

Number   Street   City   State   Zip   Area Code & Number

Bank Name _____ Contact _____

Bank Address _____

Number   Street   City   State   Zip

Phone _____ Fax_____ Account # _____

Area Code & Number   Area Code & Number

Trade Reference Name _____ FAX # _____

Area Code & Number

Address _____ Phone_____

Number   Street   City   State   Zip   Area Code & Number

Trade Reference Name _____ FAX # _____

Area Code & Number

Address _____ Phone_____

Number   Street   City   State   Zip   Area Code & Number

Trade Reference Name _____ FAX # _____

Area Code & Number

Address _____ Phone_____

Number   Street   City   State   Zip   Area Code & Number

In consideration of extension of credit by REECE SUPPLY COMPANY, I (we) agree to the following terms of sale: On each sale, if the invoice or sales receipt is paid within 10 days from the date of the sale, a 1% discount will be allowed as a credit. The account will be considered past due and in default after 30 days from the date of the sale. After 60 days, interest will be charged to our account at the rate of 1.5% per month. If the account is in default, I (we) agree to be liable for all costs of collection, including reasonable attorney's fees of fifteen (15) percent of the principle interest and court costs, including appellate proceedings. As a means of saving expense and expediting the litigation process, I (we) agree to waive any and all personal, corporate, or partnership to the jurisdiction and submit myself (ourselves) or the corporation or partnership to the jurisdiction and venue of the State Courts of Dallas County, Texas. All statements made herein are true and accurate to the best of our knowledge. I (we) authorize you to make any and all inquiries necessary for action on this credit application. I (we) hereby indemnify you and your agents from any liability resulting from your credit survey.

Signature _____ Title _____ Date _____

An instrument of "Individual Personal Guaranty" is provided for your consideration. We recommend that you complete and sign this form. (See below).
Furthermore, in absence of adequate trade references or historical information, the form is required.

Individual Guaranty

For good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged and in order to induce REECE SUPPLY COMPANY INC. (hereafter referred to as "Seller") by way of contract, purchase order or invoice, the undersigned Guarantor hereby jointly and severally unconditionally guarantees and promises to promptly perform and comply with all of the company listed above on this application (hereinafter referred to as "Purchaser") obligations under any contract, purchase invoice or extension of credit, including but not limited to payment to Seller at Sellers address of 3308 Royalty Row, Irving, TX 75062 of all payment of any contract, purchase order or invoice and any other monies due the Seller by Purchaser however arising. If Purchaser shall default, the Guarantor shall be liable for all reasonable costs of collection, including attorney's fees and court costs. Guarantor agrees that this is an absolute and continuing personal guaranty of payment and performance, and agrees that Seller may extend or waive Purchaser's performance of and compliance with its obligations contained in any contract, notices, purchase order or invoice and any such extensions or waivers will not effect the liability and continuing obligation of Guarantor hereunder. Guarantor hereby waives notice of acceptance hereof and all demands of any kind. "Guarantor" shall mean the undersigned. Guarantor consents to and waives notice of all changes of terms in the Purchaser's obligation, renewal, indulgence, settlement, compromise, failure to exercise due diligence in collection, acceptance or release of security, and any surrender, substitution or any release of any other release person directly or indirectly liable for any of Purchaser's obligations or any collateral given therefore.

GUARANTOR WAIVES THE PROVISION OF TEXAS CIVIL PRACTICE AND REMEDIES CODE SEC. 17.001 AND AGREES THAT GUARANTOR MAY BE SUED WITHOUT SUING THE PRINCIPAL OBLIGATOR. GUARANTOR HEREBY WAIVES ANY AND ALL RIGHTS TO A TRIAL BY JURY, WAIVES PERSONAL JURISDICTION, AND AGREES THAT VENUE OF ANY LITIGATION BETWEEN THE PARTIES HERETO SHALL BE BROUGHT IN THE STATE COURTS OF DALLAS COUNTY, TEXAS.

This guarantor shall insure to the benefit of Seller, its successor and assigns and shall be binding upon the heirs, personal representative, successor and assigns of the Guarantors.

Signature _____ Title _____ Date _____

Dallas   800.776.7448

Houston   800.776.0113

San Antonio   800.776.0224

El Paso   877.776.0128

New Orleans   800.776.0130

Tulsa   800.520.2300

Atlanta   800.776.0115

Charlotte

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