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Acrylic, Polycarbonate And Awning Material

Aristech acrylics GPA (general purpose acrylic) and metallic sheets

Aristech acrylic continuous cast GPA sheet is the choice to make when the cost of labor and materials is your major consideration. Our GPA is inventoried in many standard size, including one metallic. It is available in almost unlimited lengths and in width up to 110 inches (on request, some minimum quantity may apply). GPA is available in a wide range of reel sizes, offering you potential inventory reductions. Extremely versatile, our GPA can be formed, decorated, cemented, flame polish and cut to any shapes or sizes. With its superior properties and virtually unlimited sizes and colors, Aristech acrylic GPA and metallic sheets offer you exceptional design freedom at an economical price.

Colors

Aristech acrylic GPA is available, on request, in a wide array of standard colors. Additionally, we are capable of matching and producing any color to your exacting specifications. We offer three brilliant metallic colors – nickel, silver, and gold – that have exceptional depth and richness. (on request, some minimum quantity may apply).

Availability

Aristech acrylic GPA and metallic sheets can be supplied in sheets or on reels with length limited only by the practicality of handling and shipping. Reels can save you time and money by providing a means of efficient storage and handling and improved fabrication techniques through the elimination of unsightly and costly seams and joints. Our GPA sheets can be supplied in widths from 24'' to 110'' and in thickness ranging from 0,100'' to 0,500'' with single or double-sided polyfilm or paper masking. Our metallic acrylic sheet is available in standard thickness of 0.118'' and 0.177''. (on request, some minimum quantity may apply)

Formability

Aristech Acrylic GPA and metallic sheets can be cold formed at room temperature to yield generous curved surfaces with consistency. Our sheets can also be thermoformed for applications that require smaller curvatures or unusual shapes. In the thermoforming process, the sheet is heated to approximately 360 degrees Fahrenheit and is then drawn into the desired shape by vacuum or air pressure.

Weather resistance

Outstanding weather resistance properties have allowed Aristech Acrylic GPA sheet to be used successfully in aircraft glazing for over 40 years and in outdoor sign application in hot and cold environments for more than 30 years.

Aristech acrylics GPA (general purpose acrylic) and metallic sheets (con't)

Resistance to temperature extremes

Aristech Acrylic GPA sheet can withstand continuous temperature up to 180 degrees Fahrenheit with little or no effect on product properties. Higher temperature can be tolerated for short periods of time without permanent damage. Our GPA remains very serviceable at extremely low temperature (-30 degrees Fahrenheit) with only a slight reduction in impact resistance.

Impact resistance

Aristech Acrylic GPA and metallic sheets have 10 to 17 times greater impact (breakage) resistance than glass in equivalent thickness.

Optical clarity

Aristech Acrylic GPA sheet has optical properties that are equal to or better than ordinary glass. Clear GPA has approximately 93% light transmittance compared to 88% for ordinary glass.

Insulating values

Aristech Acrylic GPA sheet is a better insulator than glass. The ability of material to conduct heat is represented by its coefficient of thermal conductivity (K factor). Our GPA and metallic sheets have a K factor of 1.4 compared to between 5 or 6 for ordinary glass. This means that with zero wind velocity on both sides of the windows pane, ordinary glass conduct heat about four to five times faster than Aristech Acrylic GPA or metallic sheets. The overall coefficient of heat transmission (U factor) of our sheets is 1.04 compared to 1.25 for glass, indicating that our GPA and metallic sheets are approximately 20% better insulators than ordinary glass.

Aristech acrylics GPA (general purpose acrylic) and metallic sheets (con't)

Standard sizes and colors

SHEET SIZES	COLORS
51'' X 100'' X 0.118'' 51'' x 100'' x 0,118''	CLEAR 6362 SILVER
51'' X 100'' X 0.177'' 51'' X 100'' X 0.177''	CLEAR WHITE 7328
51'' X 125'' X 0.177'' 51'' X 125'' X 0.177''	CLEAR WHITE 7328
51'' X 150'' X 0.177'' 51'' X 150'' X 0.177''	CLEAR WHITE 7328
63'' X 100'' X 0,177'' 63'' X 100'' X 0,177''	CLEAR WHITE 7328
63'' X 125'' X 0.177'' 63'' X 125'' X 0.177''	CLEAR WHITE 7328

SHEET SIZES	COLORS
63'' X 150'' X 0.177'' 63'' X 150'' X 0.177''	CLEAR WHITE 7328
75'' X 100'' X 0.177'' 75'' X 100'' X 0.177''	CLEAR WHITE 7328
75'' X 125'' X 0.118'' 75'' X 125'' X 0.118''	CLEAR WHITE 7328
75'' X 125'' X 0.177'' 75'' X 125'' X 0.177''	CLEAR WHITE 7328
75'' X 125'' X 0.236'' 75'' X 125'' X 0.236''	CLEAR WHITE 7328
75'' X 150'' X 0.177'' 75'' X 150'' X 0.177''	CLEAR WHITE 7328

Other sizes and thickness are available on request only.

Aristech acrylics GPA (general purpose acrylic) and metallic sheets (con't)

The following standard colors and thickness are available upon request only.

COLORS	0.118''	0.177''	0.236''
2025 BLACK	√	√	√
2037 YELLOW	√	√	-
2051 BLUE	√	√	-
2064 GRAY	√	√	√
2108 GREEN	√	√	-
2114 BLUE	√	√	-
2119 ORANGE	√	√	-
2146 IVORY	√	√	-
2157 RED	√	√	-
2283 RED	√	√	-
2370 BRONZE	√	√	√
2412 BRONZE	√	√	√
2447 WHITE	√	√	√
2793 RED	√	√	-
6362 SILVER	√	√	-

Other sizes and thickness are available on request only.

Aristech acrylics GPA (general purpose acrylic) and metallic sheets (con't)

ARISTECH STANDARD COLOR SELECTOR

2025 BLACK	2037 YELLOW	2051 BLUE	2064 GRAY	2108 GREEN
OPAQUE	TRANSLUSCENT	TRANSLUSCENT	TRANSPARENT	TRANSLUSCENT
2114 BLUE	2119 ORANGE	2146 IVORY	2157 RED	2283 RED
TRANSLUSCENT	TRANSLUSCENT	TRANSLUSCENT	OPAQUE	TRANSLUSCENT
2370 BRONZE	2412 BRONZE	2447 MILKY WHITE	2793 RED	6362 SILVER
TRANSPARENT	TRANSPARENT	TRANSLUSCENT	TRANSLUSCENT	OPAQUE

GPA ARISTECH Acrylic Reels

Sizes and color hold at Federal Transformer.

REEL SIZES	COLORS	REEL SIZES	COLORS
39'' width	CLEAR	100'' width	CLEAR
39'' width	WHITE 7328	100'' width	WHITE 7328
51'' width	CLEAR	108'' width **	CLEAR
51'' width	WHITE 7328	108'' width **	WHITE 7328
63'' width **	CLEAR		
63'' width	WHITE 7328		
75'' width	CLEAR		
75'' width	WHITE 7328		

** Special order, Minimum 1 full roll request.

Aristech Acrylics Acrysteel IGP® And Acrysteel IMA®

Acrysteel IGP® and Acrysteel IMA®

Aristech Acrylic products offers two impact-resistant acrylic sheets made by the continuous casting process: Acrysteel IGP (improved general purpose) and IMA (impact matte acrylic). The two products are engineered thermoplastic having an excellent balance of physical properties and performance not available in other engineered, more expensive sheet products.

Our Acrysteel line of thermoplastic sheet is ideal for applications requiring more impact resistance than GPA sheet but less than more highly engineered polycarbonate sheet now on the market. In addition, they offer the fabricator superior processing properties to polycarbonate sheet products.

Our Acrysteel products are high gloss, hard surfaced thermoplastic sheets that don't require special surface preparation. They have no UV barrier coating and contain no tint, hiding agents – they don't need them! Our sheets perform the UV barrier function naturally.

Acrysteel IGP and Acrysteel IMA, an impact acrylic sheet with a one-sided matte finish for non-glare applications, have been sold to the sign industry for many years. Numerous worldwide corporations have found Aristech Acrylics Acrysteel products to be the ideal material for corporate identity programs.

*Please ask your representative for more information concerning Acrysteel products.

CHEMCAST Cast Acrylic

Chemcast, The all purpose cell-cast acrylic sheet

- Most acrylic sheets appears the same, but there are significant performance differences in sheets carrying the Chemcast® label.
- Chemcast® is cell-cast acrylic sheet having exceptional thickness tolerance while providing the renown fabrication properties of cell-cast sheet.
- Chemcast is the largest producer of cell-cast acrylic sheet in north America with two large factories based in Mexico.
- Chemcast is the most flexible high-quality acrylic producer capable of very rapidly providing customers short run, customized colors to exact specifications.
- Chemcast is available in thickness from 0.060'' to 1.250''.
- Chemcast is supplied to discriminating customers throughout the world for specialized applications including Chemcast BR UL certified bullet resistant sheet.

Product description:

Chemcast offers you a range of products features that is truly unique because Chemcast is one of the most complete cell-cast acrylic sheet lines in the U.S and Canada.

Your options include:

- sizes: 51'' x 100'', 63'' x 100'', 75'' x 100''.
- Thickness: from 0.060'' up to 1.250''
- Versatility: Chemcast's excellent quality enables customers to use it for virtually all typical acrylic sheet applications.
- Colors: We offer an exceptional color matching service with relatively low minimum volume requirements.
- Color matching: We offer an extremely attractive color matching service for all your designs and ideas. Certain minimum quantity and other requirements may apply depending on your specific needs.
- Packaging: All Chemast® products are offered with printed protective paper mask, film mask (EVA), adhesive film and static film on both sides.
- Additional information: Other basic product information, general specifications and technical assistance are available.

Products available

- Sign & displays: General purpose (GP) grade is available in crystal clear and a myriad of colors, including whites, smoke, bronzes, grays, transparent, fluorescent and opal colors in smooth or P- 95 matte finish.
- Glazing: General purpose. Building windows, greenhouses, skylights, aquarium, mirrors, aircraft and automotive windows.

CHEMCAST Cast Acrylic (Con't)

General properties

- Security domes: Special product grade used for security domes. Products available; clear, smoke and some transparent colors upon request only.
- BR grade: Security barriers. Material bullet resistant. Certified by the Underwriters Laboratories: UL752, level 1.
- Products availability: 1.25'' (32.0 mm) clear in 48'' x 96'' and 60'' x 96''.
- Outdoor durability: 3.0 mm thick clear sheet is guaranteed against degradation for 10 years.
- Optical clarity: Clear Chemcast transmits 92% visible light, the equivalent of the best optical glass. Chemcast will not turn yellow even after many years of exposure to the sun or ultra-violet light.   Our products also gives a high gloss appearance.
- Impact resistance: Chemcast is 17 times stronger than glass.
- Lightness: Chemcast is one-half the weight of glass and 43% less than aluminium.
- Chemical resistance: Chemcast is resistant to different chemical substances including simple esters, hydrocarbons, etc. You can receive more specific information by contacting our office.
- Ease of fabrication: Chemcast can be processed like wood using wood working tools. It can be thermoformed into virtually unlimited shapes. It has excellent retaining to graphics inks and paint.

CHEMCAST Cast Acrylic (Con't)

Sizes and color hold at Federal Transformer.

SHEET SIZES	COLORS
51'' X 100'' X 0.118''	CLEAR PM
51'' X 100'' X 0.118''	2025 BLACK
51'' X 100'' X 0.118''	2037 YELLOW PM
51'' X 100'' X 0.118''	2050 BLUE PM
51'' X 100'' X 0.118''	2051 BLUE PM
51'' X 100'' X 0.118''	2108 GREEN PM
51'' X 100'' X 0.118''	2283 RED PM
51'' X 100'' X 0.118''	2370 BRONZE PM
51'' X 100'' X 0.118''	2412 BRONZE PM
51'' X 100'' X 0.118''	2447 WHITE PM
51'' X 100'' X 0.118''	2648 BLUE PM
51'' X 100'' X 0.118''	3015 WHITE PM
51'' X 100'' X 0.118''	7328 WHITE PM
51'' X 100'' X 0.177''	CLEAR PM
51'' X 100'' X 0.177''	2025 BLACK
51'' X 100'' X 0.177''	2037 YELLOW PM
51'' X 100'' X 0.177''	2050 BLUE PM
51'' X 100'' X 0.177''	2051 BLUE PM
51'' X 100'' X 0.177''	2108 GREEN PM
51'' X 100'' X 0.177''	2283 RED PM
51'' X 100'' X 0.177''	2370 BRONZE PM
51'' X 100'' X 0.177''	2412 BRONZE PM

SHEET SIZES	COLORS
51'' X 100'' X 0.177''	2447 WHITE PM
51'' X 100'' X 0.177''	2648 BLUE PM
51'' X 100'' X 0.177''	3015 WHITE PM
51'' X 100'' X 0.177''	7328 WHITE PM
51'' X 100'' X 0.236''	CLEAR PM
51'' X 100'' X 0.236''	7328 WHITE PM
51'' X 100'' X 0.354''	CLEAR PM
51'' X 100'' X 0.354''	7328 WHITE 7328
51'' X 100'' X 0.472''	CLEAR PM
51'' X 100'' X 0,472''	7328 WHITE 7328
48'' x 96'' x 0,708''	CLEAR PM
48'' x 96'' x 0,708''	7328 WHITE 7328
48'' x 96'' x 0,972''	CLEAR PM
48'' x 96'' x 0,972''	7328 WHITE 7328
75'' X 100'' X 0.118''	CLEAR PF
75'' X 100'' X 0.118''	7328 WHITE PF
75'' X 100'' X 0.177''	CLEAR PF
75'' X 100'' X 0.177''	7328 WHITE PF
75'' X 100'' X 0.236''	CLEAR PF
75'' X 100'' X 0.236''	7328 WHITE PF

NOTE: PM = PAPER MASK / PF = POLY FILM (EVA) Other thickness and sizes available. please ask your representative

CHEMCAST Cast Acrylic (Con't)

CHEMCAST STANDARD COLOR SELECTOR

2025 BLACK OPAQUE	2146 IVORY TRANSLUSCENT	2119 ORANGE TRANSLUSCENT	2418 BROWN OPAQUE	2422 AMBER TRANSPARENT
2037 YELLOW TRANSLUSCENT	2208 YELLOW TRANSPARENT	2016 YELLOW TRANSLUSCENT	2030 GREEN TRANSLUSCENT	2108 GREEN TRANSLUSCENT
2092 GREEN TRANSPARENT	3030 GREEN EDGE TRANSPARENT	2114 BLUE TRANSLUSCENT	2050 BLUE OPAQUE	2051 BLUE TRANSLUSCENT
2648 BLUE TRANSLUSCENT	2424 BLUE TRANSPARENT	2069 BLUE TRANSPARENT	7508 WHITE OPAQUE	7328 WHITE TRANSLUSCENT

CHEMCAST Cast Acrylic (Con't)

CHEMCAST STANDARD COLOR SELECTOR

2447 MILKY WHITE TRANSLUSCENT	2283 RED TRANSLUSCENT	2157 RED OPAQUE	2423 RED TRANSPARENT	2793 RED TRANSLUSCENT
2415 RED OPAQUE	2404 GRAY TRANSPARENT	2370 BRONZE TRANSPARENT	2412 BRONZE TRANSPARENT	2074 GRAY TRANSPARENT
2064 GRAY TRANSPARENT				

Extruded Clear And Colors Acrylic Mirror Sheets
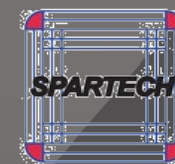
Fabback Optix acrylic mirror

Acrylic sheet is made with Optix® continuously processed acrylic sheet. Mirrorizing is done by the process of vacuum metallizing with aluminium being the primary metal evaporated. Fabback mirror acrylic sheet features the industry's toughest protective back-coating. The durability of this sheet makes it virtually scratch-resistant during fabrication. 17 colors are available. All mirror acrylic colored sheet is covered with a 3.0 mil laser-cuttable film. A 1'' overage on our standard sheet is given for maximum yield in the laser cutting industry.

Clear color only available from stock, all other colors available upon request only. Minimum quantity may apply.
All mirrored acrylic sheet is produced with a 1'' overage on length and width.

SHEET SIZES	COLORS
48'' X 96'' X 0.118''	CLEAR PM
48'' X 96'' X 0.118''	BLUE PM
48'' X 96'' X 0.118''	PURPLE PM
48'' X 96'' X 0.118''	GRAY PM
48'' X 96'' X 0.118''	ORANGE PM
48'' X 96'' X 0.118''	GOLD PM
48'' X 96'' X 0.118''	RED PM
48'' X 96'' X 0.118''	PINK PM
48'' X 96'' X 0.118''	BRONZE PM

SHEET SIZES	COLORS
48'' X 96'' X 0.118''	GRAY PM
48'' X 96'' X 0.118''	BLUE PM
48'' X 96'' X 0.118''	TEAL PM
48'' X 96'' X 0.118''	YELLOW PM
48'' X 96'' X 0.118''	BRONZE PM
48'' X 96'' X 0.118''	GREEN PM
48'' X 96'' X 0.118''	AMBER PM
48'' X 96'' X 0.118''	RED PM
48'' X 96'' X 0.118''	BLUE PM

SPARTECH Sungard® Ultra Weatherable Polycarbonate

Spartech Sunguard Polycarbonate

For backlit sign faces, demanding structural integrity in an economic package, Sungard® is the material of choice. Specially formulated to provide maximum impact resistance, greatly superior forming and fabrication characteristics, and high heat resistance, Sungard® is highly versatile in a wide variety of sign applications. Sungard® is available in flat sheet and reels in either smooth or matte finish. Sign white and other standard and customs colors are available upon request.

The first all-polycarbonate weatherable sheet product, combine the impact strength of general purpose polycarbonate with outstanding U.V. stability. Sunguard is highly resistant to weathering, discoloration, surface haze, lose of impact strength or other properties after prolonged outdoor exposure.

Sunguard represents a scientific breakthrough in polycarbonate sheet technology which, through a unique extrusion process, imparts ultra-violet resistance to the polycarbonate structure itself.

Sunguard has a twelve year limited warranty against breakage (under normal conditions), excessive yellowing and loss of light transmission.

Impact strength

In addition to outstanding resistance to yellowness and haze, Sunguard has the inherent impact strength of general purpose polycarbonate since no coating, lamination or foreign material is applied. And , unlike general purpose polycarbonate, the impact strength is retained over time.

Weatherability

The superior weatherability of Sunguard polycarbonate sheet has been demonstrated in both accelerated and actual outdoor weathering test programs. The following charts show comparisons of Sunguard to general purpose polycarbonate, measuring yellowness index and haze. Unlike some competitive polycarbonate sheet products, Sunguard is all polycarbonate so that delamination, mold sticking and weathering away of post-applied coatings will not occur.

SPARTECH Sungard® Ultra Weatherable Polycarbonate (Con't)

Fabrication

Sungard® can be drilled, routed, sawed, sheared, punched or die cut using the proper tools and techniques. High speed carbide-tipped twist drills will give good results; drills must have sharp cutting edges to avoid '' notching ' the plastic. When shearing, use blades with a 45º degree angle or less. Most conventional mechanical fixing methods such as screws and rivets can be used; adhesive and solvent bonding are possible. For proper mechanical fastening, always over-drill the hole by 1/16 of an inch to allow for expansion. Use an approved silicone sealant in the hole with the fasteners to inhibit stress cracking at the hole.

Cutting

Sungard® can be cut with standard high-speed metal working tools; carbide-tipped blades are recommended for longer life. Circular saws with triple chip or bevelled tooth type blades with about two teeth per inch are recommended , with blade-speeds in the 6000 to 8000 rpm range. Band saws having 10 to 18 teeth per inch and blade speeds of 2500 to 3000 feet per minute should be adequate for smooth, clean cuts.

Cementing

Bonding Sungard® to itself and to other plastics can be accomplish. Excellent results can be obtained with urethane adhesives, Weld-on #55 by IPS. Silicones by GE plastics are also recommended. Solvent cementing may also be used. (for more information, contact your representative)

Thermoforming

Sungard® can be vacuum-formed on virtually all thermoforming equipment from high-volume multi-station rotary machines to single-station or shuttle presses; pressure forming techniques have also been highly successful. Excellent forming detail can usually be obtained at sheet temperatures of 350º – 425º F; all normal tooling materials such as aluminium, epoxy and various hardwoods can be used. For optimum results, remove protective film and space sheets one inch apart in an air-circulating oven.

SPARTECH Sungard® Ultra Weatherable Polycarbonate (Con't)

Painting

Sungard® can be easily painted and silk screened by using standard materials and techniques. Based on thorough testing by Akzo Nobel, the following products are suggested. Follow the manufacturer's guidelines for proper painting and pain removal procedures. Always remove solvents from plastic sheet as quickly as possible to prevent solvent attack.

BRAND	SPRAY	SCREEN	CLEANER
Grip-Flex®	T-2003	T-1003	T-4000
Grip-Flex®	T-2004	T-1004	
		T-1007	

Pre-drying

The most critical step in the thermoforming process is proper drying of the sheet. The most efficient temperature is 250ºF. Drying time is dependent upon oven configuration, air circulation, sheet thickness. See chart for suggested starting points.
Note: Always remove protective film when drying sheet at over 200ºF.

THICKNESS IN INCHES	DRYING TIME
0.093''	4 hours
0.118'' / 0.125''	5 hours
0.150''	8 hours
0.177'' / 0.187''	12 hours
0.236'' / 0.250''	24 hours

SPARTECH Sungard® Ultra Weatherable Polycarbonate (Con't)

SHEET SIZES	COLORS
48" X 96" X 0.060	CLEAR PM
48" X 96" X 0.093	CLEAR PM
48" X 96" X 0.118"	CLEAR PM
48" X 96" X 0.118"	WHITE PM
48" X 96" X 0.177"	CLEAR PM
48" X 96" X 0.177"	WHITE PM
48" X 96" X 0.236"	CLEAR PM

SHEET SIZES	COLORS
75" X 100" X 0.118"	CLEAR PM
75" X 100" X 0.118"	WHITE PM
75" X 100" X 0.177"	CLEAR PM
75" X 100" X 0.177"	WHITE PM
75" X 125" X 0.118"	CLEAR PM
75" X 125" X 0.118"	WHITE PM
75" X 125" X 0.177"	CLEAR PM
75" X 125" X 0.177"	WHITE PM
75" X 150" X 0.177"	CLEAR PM
75" X 150" X 0.177"	WHITE PM

NOTE: PM = paper masking
Clear and white finish in Sunguard

Sungard® - Availability In Reels

REEL SIZES	COLOR
52" X 0.118"	CLEAR
52" X 0.177"	CLEAR
76" X 0.177"	CLEAR
100" X 0.177"	CLEAR

REEL SIZES	COLOR
76" X 0.177"	WHITE
100" X 0.177"	WHITE

3M™ Flexible Sign Face Material

3M™ Panagraphics III wide flexible substrate

3M Panagraphics III wide flexible substrate is a media designed for making durable, flexible sign when using 3M's compatible products. It is cost effective choice for long term and promotional backlit signs.

PRODUCT PANAGRAPHICS III WIDE FLEXIBLE SUBSTRATE	DURABILITY
79'' x 164'	5 YEARS
102'' x 164'	5 YEARS
126'' x 164'	5 YEARS
144'' x 164'	5 YEARS
165'' x 164'	

Features:

Seamless wide width material
Low visibility scrim for a less distracting view of the sign image when backlit
Smooth front surface
Anti-wick polyester scrim embedded in a bright white pigmented vinyl
Tough and flexible material
Daytime whiteness and night time brightness for consistent image quality
Excellent diffusion and transmission

Applications:

Panagraphics III is intended for film decoration or direct Piezo ink jet printing applications. The flexible solution is for interior and exterior, day and hight graphics for use in many types of backlit signs.

Warranty:

Use with 3M™ Scotchcal translucent graphic film series 3630 for a 5 year full warranty
A 6 year pro-rated warranty is also available
Minimum warranty of 3 years for direct digital imaging.

Flexible Membrane For Backlit Awnings And Signs

Cooley

Cooley brite™ lite **

Features and benefits:
16 ounces
This membrane's light weight offers unique flexibility for simple installation. It is translucent, flexible, durable and features excellent lay-flat characteristics. Engineered for high color brilliance and consistent color translucency.
Perfect for eradication, screen printing and pressure sensitive applications. Cooley-Brite lite is ideal for staple systems applications. Advanced scrim design enhance graphics effects to provide superior quality and luminescent colors.

WIDTHS	COLORS
6'6"	CHERRY RED
6'6"	BRIGHT RED
6'6"	SUNFLOWER YELLOW
6'6"	LEMON YELLOW
6'6"	NAVY BLUE
6'6"	ROYAL BLUE
6'6"	EMERALD GREEN
6'6"	BURGUNDY
6'6"	GRAY
6'6"	BLACK
6'6"	PLUM PURPLE
6'6"	HOLLY GREEN
6'6"	TEAL

WIDTHS	COLORS
4'3"	WHITE SM-42
5'2"	WHITE SM-42
6'6"	WHITE SM-42
4'3"	WHITE 0606
5'2"	WHITE 0606
6'6"	WHITE 0606

** Non-stock items. Please refer to your representative. Minimum quantity apply.

Flexible Membrane For Backlit Awnings And Signs

Cooley-Brite™

SM-42

White sign and awning membrane 20 ounces
Designed for backlit signs and awnings. The lightweight membrane features excellent lay-flat properties and a fine scrim which is virtually invisible. Colors and decorative images that are applied appears bright, clean and crisp. Ideal for heat transfer and screen printing applications.

0606

White membrane, 20 ounces
Cooley-Brite 0606 white membrane maintains the seam physical characteristics as SM-42 except it is further enhanced by a special clear topcoat formulation. This topcoat improves cleanability while providing a superior adhesion layer for paints, inks and pressure sensitive vinyl applications.

Cooley-Brite™ color membrane

Eradicable, flexible sign and awning membrane, 20 ounces
This membrane feature a scrim design that is nearly invisible to allow for maximum light diffusion, consistent translucency and brilliant colors in backlit signs and awnings. Threated with anti-wick, ultraviolet stabilizers, fungicides, whiteners for excellent color protection, durability and long life.

Flexible Membrane For Backlit Awnings And Signs (Con't)

WIDTH	COLORS
3'9''	WHITE SM-42
4'3''	WHITE SM-42
5'2''	WHITE SM-42
6'6''	WHITE SM-42
7'6''	WHITE SM-42
8'6''	WHITE SM-42
10'6''	WHITE SM-42
12'6''	WHITE SM-42

WIDTH	COLORS
3'6''	WHITE 0606
3'9''	WHITE 0606
4'3''	WHITE 0606
5'2''	WHITE 0606
6'6''	WHITE 0606

WIDTH	COLORS
6'6''	SUNFLOWER YELLOW
6'6''	BRIGHT RED
6'6''	PINK
6'6''	PLUM
6'6''	MID BLUE
6'6''	LIGHT GREEN
6'6''	BURGUNDY
6'6''	BLACK
6'6'''	YELLOW
6'6'''	GREEN
6'6''	DARK BLUE
6'6''	ORANGE
6'6''	IVORY
6'6''	DARK RED
6'6''	LIGHT BLUE
6'6''	LIGHT RED
6'6''	FOREST GREEN
6'6''	TEAL
6'6''	REFLEX BLUE

Flexible Membrane For Backlit Awnings And Signs (Con't)

Cooley-Brite™ II

Coolthane® 0606

● White sign and awning membrane
● 20 ounces

We've taken our SM-42 material and added our unique Coolthane formulation which enhances cleanability and extends its life for eight years. Ideal for spray painting, screen printing and pressure sensitive film applications.

Cooley-Brite II with Coolthane

● Eradicable, flexible sign and awning membrane
● 20 ounces

This top-of-the-line membrane possesses all the advantages of our colored Cooley-Brite and more. It feature the added protection of our coolthane formulation, which enhances cleanability and extends he life of the product to eight years.
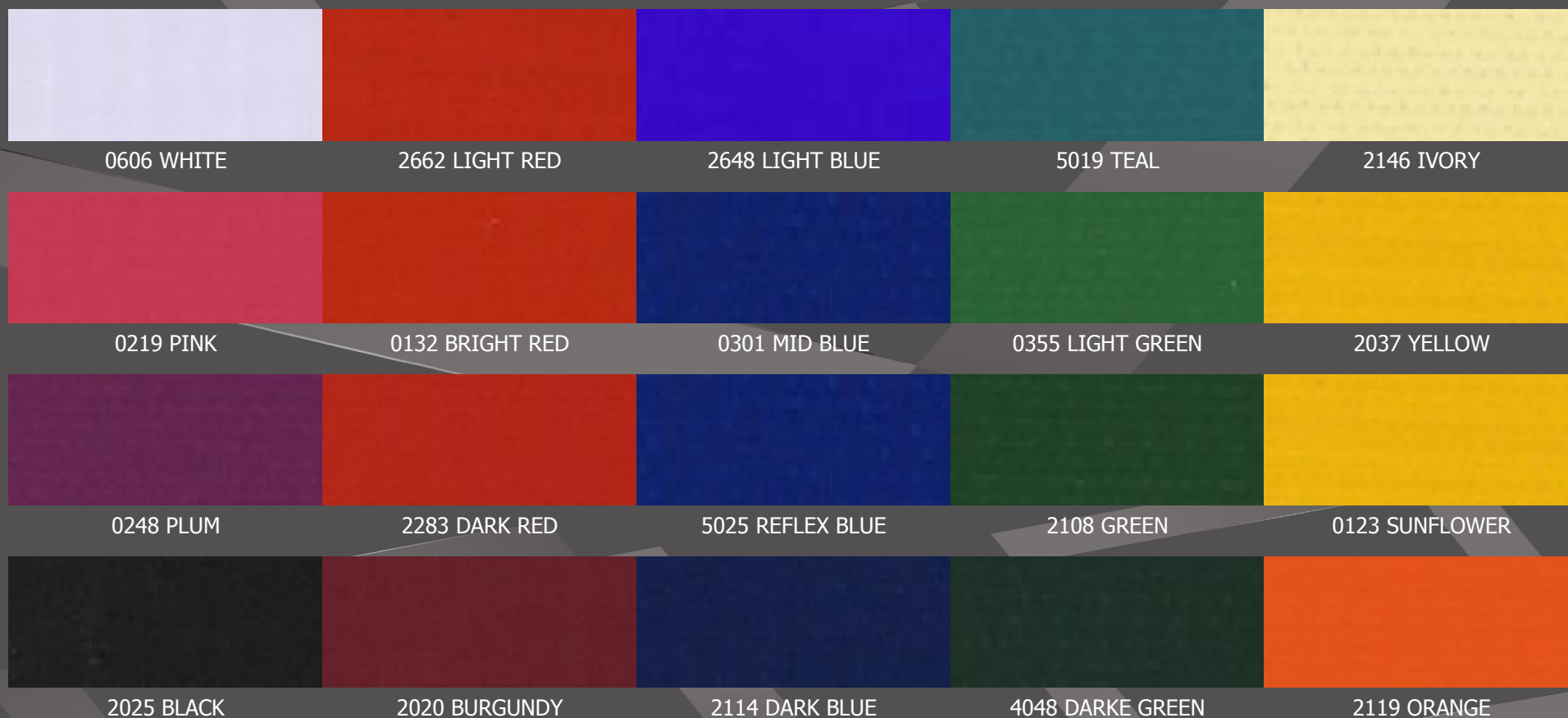
Flexible Membrane For Backlit Awnings And Signs (Con't)

WIDTHS	COLORS
3'9''	WHITE
4'3''	WHITE
5'2''	WHITE
6'6''	WHITE

WIDTHS	COLORS
6'6''	SUNFLOWER YELLOW
6'6''	BRIGHT RED
6'6''	PINK
6'6''	PLUM
6'6''	MID BLUE
6'6''	LIGHT GREEN
6'6''	BURGUNDY
6'6''	BLACK
6'6'''	YELLOW
6'6''	GREEN
6'6''	DARK BLUE
6'6''	ORANGE
6'6''	IVORY
6'6''	DARK RED
6'6''	LIGHT BLUE
6'6''	LIGHT RED
6'6''	FOREST GREEN
6'6''	TEAL
6'6''	REFLEX BLUE

Flexible Membrane For Backlit Awnings And Signs (Con't)

Cooley-Brite™ and Cooley-Brite™ II color selector

0606 WHITE	2662 LIGHT RED	2648 LIGHT BLUE	5019 TEAL	2146 IVORY
0219 PINK	0132 BRIGHT RED	0301 MID BLUE	0355 LIGHT GREEN	2037 YELLOW
0248 PLUM	2283 DARK RED	5025 REFLEX BLUE	2108 GREEN	0123 SUNFLOWER
2025 BLACK	2020 BURGUNDY	2114 DARK BLUE	4048 DARKE GREEN	2119 ORANGE

Weathertyte Materials For Awnings

Weathertyte awning material

Cooley's all weather, totally waterproof awning fabric

It look like woven fabric, without the weakness of fabric
It's waterproof, not just water resistant
It has excellent weatherability. It's easy to clean and resists stains and fungus
It's easy to handle and highly durable throughout the fabrication process
It resists sagging better than woven acrylics
It's digitally printable
It's 16 ounces and available in 74'' widths
It passes NFPA 701, UL48, UL94 and CA fire Marshall
It comes with an 8 year warranty

YELLOW	SUNFLOWER	BLUE	NAVY BLUE	LIGHT RED
DARK RED	BURGUNDY	CHOCOLATE BROWN	FOREST GREEN	GREEN
WHITE	BLACK	LINEN	CHARCOAL	