

**Sales Handbook**  
**ACRYLITE®**



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## 1.0 ACRYLITE® Family

### ACRYLITE®



PMMA sheets, tubes, rods, films and molding compounds as basic products with unbeatable resistance to UV light and weathering, combined with durability. The products are either clear and brilliant or available in a large number of opaque, translucent, transparent and fluorescent colors.

### ACRYLITE® Alltop



This clear-transparent multi-skinned sheet offers our highest light transmission and exceptional optical clarity and has our patented NO DRIP anti-condensate coating on all surfaces, inside and out.

### ACRYLITE® Heatresist



A higher heat deflection temperature is the distinguishing feature of these specialty PMMA molding compounds.

### ACRYLITE® Heatstop



These heat-reflecting PMMA molding compounds, solid and multi-skinned sheets offer greater energy efficiency by cutting air conditioning costs. A multi-skinned sheet variant filled with aerogel offers high heat insulation.

### ACRYLITE® Hi-Gloss



Beauty and strength come together to form elegant and luminous high-gloss solid sheets, available in various colors and modern decor patterns. These sheets offer versatility and unsurpassed depth for your most discriminating designs. Specialty molding compounds provide injection molded components with a high-gloss Class A surface and remarkable depth of color.

### ACRYLITE® LED



The new dimension of light: specialty PMMA sheets and molding compounds for efficient lighting applications combined with LEDs. Specialty products for edge lighting and backlighting offer maximum light transmission without disturbing hot spots, as well as attractive color play effects.

## 1.0 ACRYLITE® Family

### ACRYLITE® Optical



PMMA molding compounds and sheets with optical functionalities, high light guidance and distribution provide a uniformly bright and perfectly sharp picture, especially in display applications and for rear projection.

### ACRYLITE® Reflections



Attractively mirror-coated and reflective solid sheets with a metallic, glossy, matte or rainbow-colored surface.

### ACRYLITE® Resist



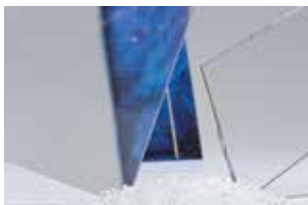
These high impact acrylic molding compounds, multi-skinned, corrugated and solid sheets and tubes combine toughness with excellent weather resistance.

### ACRYLITE® Satinice



This material's velvet surfaces are robust, pleasant to the touch and discretely light-diffusing. Sheets and tubes are available with a matte satin surface on one or both sides, or with diffuser beads evenly distributed throughout the material, in various colors. Available as diffuser molding compounds for components with a light-diffusing effect.

### ACRYLITE® Solar



These ultra-pure molding compounds, sheets and Fresnel lenses have specific light transmission properties and high resistance to UV light and weathering, which makes them suitable for high-efficiency solar modules.

### ACRYLITE® Soundstop



These specialty products offer effective noise control and wind protection. The sheets are sound-reflecting, impact-resistant, highly transparent and contain embedded polyamide threads for sliver retention. They are also available with bird-deterrent strips.

### ACRYLITE® Textures



Solid sheets with a variety of classical and modern surface textures, combined with trendy colors or a rainbow effect.

## 1.0 ACRYLITE® Family Brand

Family Brand	Family Brand/Product Description	Product Group
<b>ACRYLITE®</b>	ACRYLITE® cast (GP) - clear, white, colors	<b>STANDARD</b> Cast
	ACRYLITE® block	Specialty Cast
	ACRYLITE® spectator protection	Specialty Cast
	ACRYLITE® military specification	Specialty Cast
	ACRYLITE® UV filtering (OP2)	Specialty Cast
	ACRYLITE® extruded (FF) - clear, white, colors	<b>STANDARD</b> Extruded
	ACRYLITE® framing grade (FF3)	Specialty Extruded
	ACRYLITE® UV filtering (OP3)	Specialty Extruded
	ACRYLITE® non-glare (P99)	Specialty Extruded
	ACRYLITE® UV filtering mar resistant (OP3 MR)	Specialty Extruded
	ACRYLITE® UV filtering non-glare (OP3 P99)	Specialty Extruded
	ACRYLITE® POP Touch	Specialty Extruded
	ACRYLITE® markerboard	Specialty Extruded
	ACRYLITE® digital print	Specialty Extruded
	ACRYLITE® rod	Specialty Extruded
	ACRYLITE® tube	Specialty Extruded
<b>ACRYLITE® Alltop</b>	ACRYLITE® Alltop UV absorbing acrylic double-skin	Specialty Extruded
	ACRYLITE® Alltop UV transmitting acrylic double-skin	Specialty Extruded
	ACRYLITE® Alltop high impact acrylic double-skin	Specialty Extruded
<b>ACRYLITE® Heatstop</b>	ACRYLITE® Heatstop	Specialty Extruded
	ACRYLITE® Heatstop high impact acrylic double-skin / quad-skin	Specialty Extruded
	ACRYLITE® Heatstop high impact acrylic wave profile	Specialty Extruded
<b>ACRYLITE® Hi-Gloss</b>	ACRYLITE® Hi-Gloss	Specialty Extruded
<b>ACRYLITE® LED</b>	ACRYLITE® LED light guiding edge lit	Specialty Extruded
	ACRYLITE® LED color changing back lit	Specialty Extruded
	ACRYLITE® LED diffused sign grade	Specialty Extruded
	ACRYLITE® LED sign grade	Specialty Extruded
	ACRYLITE® LED optimized	Specialty Cast
	ACRYLITE® LED optimized letter block	Specialty Cast
	ACRYLITE® LED light guiding rod	Specialty Extruded
<b>ACRYLITE® Optical</b>	ACRYLITE® Optical mar resistant	Specialty Extruded
	ACRYLITE® Optical anti-reflective	Specialty Extruded
<b>ACRYLITE® Reflections</b>	ACRYLITE® Reflections mirror	Specialty Extruded
	ACRYLITE® Reflections iridescent	Specialty Extruded
	ACRYLITE® Reflections frosted mirror	Specialty Extruded
	ACRYLITE® Reflections smooth frosted mirror	Specialty Extruded
<b>ACRYLITE® Resist</b>	ACRYLITE® Resist high impact acrylic double-skin / quad-skin	Specialty Extruded
	ACRYLITE® Resist high impact acrylic wave profile	Specialty Extruded
	ACRYLITE® Resist impact modified	Specialty Extruded
	ACRYLITE® Resist non-glare impact modified	Specialty Extruded
<b>ACRYLITE® Satinice</b>	ACRYLITE® Satinice velvet texture (P95 one-sided)	Specialty Cast
	ACRYLITE® Satinice velvet texture (DP9 two-sided)	Specialty Cast
	ACRYLITE® Satinice crystal surface (Crystal Ice)	Specialty Extruded
	ACRYLITE® Satinice optimum light diffusion	Specialty Extruded
	ACRYLITE® Satinice tube	Specialty Extruded
<b>ACRYLITE® Solar</b>	ACRYLITE® Solar	Specialty Extruded
<b>ACRYLITE® Soundstop</b>	ACRYLITE® Soundstop	Specialty Cast
<b>ACRYLITE® Textures</b>	ACRYLITE® Textures	Specialty Extruded

# 1.0 ACRYLITE® Color Number Chart

## ACRYLITE® extruded colors

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	011-9	0A000	-	T	90%	yes
Yellow	407-2	1K030	2037	TL	23%	yes
Yellow	430-7	1C022	2208	TL	75%	yes
Red	211-1	3K031	2283	TL	10%	yes
Red	278-0	3K031	2793	TL	3%	yes
Red	2050 HG	3M030	2157	TL	1%	yes
Red	2570 HG	3M031	2423	T	5%	yes
Red	210-0	3C020	2444	T	8%	yes
Purple	718-3	4C023	1020	T	30%	yes
Grey	103-2	7C025	2064	T	25%	yes
Grey	104-1	7C026	2074	T	13%	yes
Grey	115-0	7C056	-	T	8%	yes
Green - edge	5110-9	6B020	3030	T	90%	no
Green - bottle	5127-7	6C032	2111	T	77%	yes
Green	545-2	6C028	2092	T	26%	yes
Bronze	126-4	7C024	2404	T	48%	yes
Bronze	131-2	7C049	2412	T	27%	yes
Bronze	311-1	8C030	2370	T	11%	yes
Blue	625-5	5C026	2069	T	55%	yes
Blue	668-0	5C028	2424	T	7%	yes
Black	1146-1	9M020	2650	T	2%	yes
Black	199-0 HG	9M001	2025	OP	0%	yes

### Fluorescent

Ruby Edge	-	3B020	2143-7	T	88%	no
Bright Orange	-	3C025	2150-5	T	58%	yes
Red/Orange	-	3C024	2149-4 FF	T	53%	yes
Red	2085	3C026	2163-4 FF	T	41%	yes
Lime Green	9093	6C020	5143-8 FF	T	94%	yes
Yellow	-	1C020	40738 FF	T	92%	yes
Blue	-	5B021	6157-9	T	91%	no

## ACRYLITE® cast colors

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	011-9	0F00	-	T	>90%	yes
Yellow	407-2	1H01	2037	TL	22%	yes
Ivory	047-2	1H31	2146	TL	29%	yes
Amber	408-5	2C04	2451	T	38%	yes
Orange	303-0	2H02	2119	TL	7%	yes
Red	278-0	3H31	2793	TL	3%	yes
Red	257-0	3C01	2423	TL	5%	yes
Blue FL	6157-9	5C12	-	T	63%	no
Blue	605-0	5H30	2114	TL	2%	yes
Blue	606-0	5H31	2050	TL	1%	yes
Glass Green	5110-9	6F20	3030	T	91%	no
Green	507-0	6H22	2108	TL	2%	yes
Green	5141-9	6F22	-	T	92%	no
Bronze	126-4	7C24	2404	T	48%	yes
Grey	144-7	7C19	2515	T	75%	yes
Bronze	131-2	7C49	2412	T	27%	yes
Bronze	311-1	7C40	2370	T	10%	yes
Black	199-0	9H01	2025	OP	0%	yes

## ACRYLITE® digital print

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	-	0M007	-	T	92%	yes

## ACRYLITE® extruded whites

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
White	015-2	WT030	7328	TL	32%	no
White	020-4	WT031	2447	TL	55%	no
White HG >.354	020-4	WM531	2447	TL	55%	no
White	-	WT018	3015	OP	2%	no
White	097-0	WT020	2371	OP	0%	no

## ACRYLITE® cast whites

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
White	015-2	WM30	7328	TL	32%	no
White	020-4	WM32	2447	TL	55%	no

## ACRYLITE® framing grade

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Colorless FF3	011-9	0A000 GT	-	T	92%	yes

## ACRYLITE® extruded UV filtering

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
OP3 UV filtering	0009	0B000 GT	-	T	92%	yes

## ACRYLITE® non-glare

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
non-glare (P99)	000-9	0A000 AR	-	T	92%	yes

## ACRYLITE® cast UV filtering

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
OP2 UV filtering	0A50	0F03	-	T	92%	-

## ACRYLITE® POP Touch

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	011-9 P12	0A000 12	-	T	92%	yes

## ACRYLITE® markerboard

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	011-9	0A000 MR2	-	T	92%	yes

## ACRYLITE® Textures

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Colorless FFX	011-9 FFX	0A000 FX	-	TL	69%	yes
Colorless FFV	011-9 FFV	0A000 FV	-	TL	69%	yes
Colorless Ribbed	-	0A000 R	-	T	92%	yes

## ACRYLITE® Hi-Gloss

Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
White	-	WM592 C1	-	OP	0%	yes
White	-	WM596 C1	-	OP	0%	-
Lemon	-	1M800 C1	-	OP	0%	-
Red	-	3M571 C1	-	OP	0%	-
Silver White	-	7M501 C1	-	OP	0%	-
Black	-	9M872 C1	-	OP	0%	yes

Evonik Industries is a worldwide manufacturer of PMMA products sold under the ACRYLITE® tradename in the Americas and the PLEXIGLAS® trademark in the European, Asian & African and Australian continents. ACRYLITE® is a registered trademark of Evonik Cyro.

T = Transparent

TL = Translucent

OP = Opaque

ct? y/n = Indicates if sheet has constant light transmission for all thicknesses.



# 1.0 ACRYLITE® Color Number Chart

ACRYLITE® LED sign grade						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	011-9	0RA65	-	T	92%	yes
White	015-2	WRT30	7328	TL	32%	no
White	020-4	WRT31	2447	TL	55%	no
Ivory	047-2	1RK31	2145	TL	30%	yes
Colors						
Red	278-0	3RK31	2793	TL	3%	yes
Red	211-1	3RK32	2283	TL	10%	yes
Red	205-0	3RK30	2157	TL	2%	yes
Orange	303-0	2RK20	2119	TL	7%	yes
Yellow	407-2	1RK30	2037	TL	23%	yes
Green	507-0	6RK22	2108	TL	9%	yes
Blue	605-0	5RK30	2114	TL	3%	yes
Blue	606-0	5RK31	2050	TL	1%	yes
Black	199-0	9RK01	2025	OP	0%	yes

ACRYLITE® LED color changing back lit						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
black/white		9K004	-	TL	25%	-

ACRYLITE® LED diffused sign grade						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Colorless	-	0DR80	-	T	88%	no
White	-	WDR58	-	T	54%	yes
White	-	WDR52	-	T	36%	yes

ACRYLITE® LED light guiding edge lit						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Clear	-	0E010 SM	-	T	91%	no
Clear	0N001 L	0E011 L	-	T	91%	no
Clear	0N002 XL	0E012 XL	-	T	91%	no
Clear	0N003 XXL	0E013 XXL	-	T	91%	no

ACRYLITE® Reflections mirror						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Yellow	430-7	1C022 X1	-	OP	0%	yes
Gold	455-8	1C045 X1	-	OP	0%	yes
Orange/Amber	4088-3	2C088 X1	-	OP	0%	yes
Red	2175-1	3C034 X1	-	OP	0%	yes
Dark Red	257 HG	3M031 X1	-	OP	0%	yes
Pink	2162-6	3C036 X1	-	OP	0%	yes
Purple	718-3	4C023 X1	-	OP	0%	yes
Medium Blue	625-5	5C026 X1	-	OP	0%	yes
Dark Blue	668-0	5C028 X1	-	OP	0%	yes
Green	539-6	6C027 X1	-	OP	0%	yes
Green	545-2	6C028 X1	-	OP	0%	yes
Glass Green Edge	5110-9	6B020 X1	-	OP	0%	yes
Bronze	126-4	7C024 X1	-	OP	0%	yes
Bronze	131-2	7C049 X1	-	OP	0%	yes
Grey	103-2	7C025 X1	-	OP	0%	yes
Grey	104-1	7C026 X1	-	OP	0%	yes
Slate Grey	1224-3	7C057 X1	-	OP	0%	yes

ACRYLITE® Satinice optimum light diffuion						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Colorless	0918-8	0D010 DF	-	TL	86%	no
Colorless	-	0D002 DF	-	TL	83%	no
White	0149-5	WD008 DF	3172	TL	54%	yes
Light Blue	6200-8	5D004 DF	3163	TL	85%	no
Med Blue	6194-5	5D005 DF	3166	TL	51%	yes
Dark Blue	6198-0	5D006 DF	3162	TL	8%	yes
Light Green	5170-8	6D001 DF	3167	TL	87%	no

ACRYLITE® Satinice crystal surface						
Color	Color Numbers			Transmission TD65	ct? yes/ no	
	old	new	industry			
one-sided crystal surface						
Colorless	0917-8	0M001 SC	-	TL	92%	yes
Glass Green	5169-8	6M020 SC	3030	TL	88%	no
Light Blue	6191-8	5M022 SC	3120	TL	85%	no
White	-	WM530 SC		TL	15%	no
two-sided crystal surface						
Colorless	0917-8	0M001 DC	-	TL	88%	yes
Glass Green	5169-8	6M020 DC	-	TL	83%	no

ACRYLITE® Satinice velvet texture one-sided						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Colorless	011-9 SC	0F00 SC	-	TL	92%	yes
Glass Green	5110-9 SC	6F20 SC	3030	TL	91%	-
Black	199-0 SC	9H01 SC	2025	OP	0%	no
White	015-2 SC	WM30 SC	7328	TL	26%	-
White	020-4 SC	WM32 SC	2447	TL	55%	-
White	-	WH02 SC	-	TL	42%	no

ACRYLITE® Satinice velvet texture two-sided						
Color	Color Numbers			Transmission TD65		ct? yes/no
	old	new	industry			
Colorless	011-9 DC	0F00 DC	-	TL	92%	yes
Coconut	-	WH02 DC	-	TL	42%	no
Cloud	-	WH26 DC	-	TL	41%	no
Sunshine	-	1H17 DC	-	TL	41%	no
Mandarin	-	2H08 DC	-	TL	41%	no
Pumpkin	-	2H12 DC	-	TL	45%	no
Cherry Red	-	3C01 DC	-	TL	4%	yes
Strawberry	-	3C04 DC	-	TL	19%	yes
Tomato	-	3H12 DC	-	TL	24%	no
Plum	-	4H01 DC	-	TL	39%	no
Lollipop	-	4H12 DC	-	TL	49%	no
Sky Blue	-	5C01 DC	-	TL	5%	yes
Pacific	-	5H09 DC	-	TL	30%	no
Laguna	-	5H74 DC	-	TL	45%	no
Green	-	6C03DC	-	TL	90%	yes
Kiwi	-	6H07 DC	-	TL	47%	no
Grass	-	6H55 DC	-	TL	46%	no
Glass Green	5110-9	6F20 DC	-	TL	91%	no
Black	199-0	9H01 DC	-	OP	0%	yes

T = Transparent

TL = Translucent

OP = Opaque

ct? y/n = Indicates if sheet has constant light transmission for all thicknesses.

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## 1.0 ACRYLITE® cast and extruded comparison

### ACRYLITE® cast

- High-quality surface; glossy, textured or matte (ACRYLITE® P95 & DP9→now ACRYLITE® Satinice)
- Sheet and block
- Thicknesses ranging from .118" to 4"
- Standard sizes up to 80x120
- More than 30 standard colors
- Very easy to work with
- Easy to thermoform over wide range of conditions
- Easily and firmly bonded, ex. with reactive adhesives (ACRIFIX® 2R 0190, 2R 0192)
- Max. service temperature approx. 176°F

### ACRYLITE® extruded

- Break-resistant to impact-resistant
- Absolutely colorless and clear
- Unparalleled resistance to weathering and aging
- Good resistance to diluted acids and alkalis
- Very little smoke formation; combustion gases non-toxic and non-corrosive

- Very good surface; glossy, textured or matte (ACRYLITE® Crystal Ice/Satin Ice→ now ACRYLITE® Satinice)
- Sheet, tube, rod, multi-skin sheet, corrugated sheet and mirror
- Thicknesses ranging from .060" to .944" multi-skin sheet in 8mm, 16mm and 32mm
- Standard sizes up to 75x100; larger sizes available
- More than 50 standard colors
- Easy to work with
- Very easy to thermoform under optimal constant conditions
- Very easily bonded also with solvent-based adhesives (ACRIFIX® 1S 0116, 1S 0117)
- Max. service temperature approx. 158°F

# 1.0 ACRYLITE® Packaging

## ACRYLITE®

- extruded colorless
- framing grade
- cast colorless, whites, colors

## ACRYLITE® Textures

- FFX
- FFV

## ACRYLITE® LED

- sign grade

## ACRYLITE® Satinice

- velvet texture one-sided
- velvet texture two-sided

## ACRYLITE® Reflections

- mirror colorless, colors

## ACRYLITE® Optical

- hard coat

## ACRYLITE® Resist

- 45/65 colorless

STANDARD FULL PALLETS									
Size in Inches	48x96/ 49x97	48x120	51x100	60x96	60x120	72x96	72x120	75x100	80x120
Square Feet	32/33	40	35.4	40	50	48	60	52.1	66.67
Thickness (inches)	Sheets per pallet								
1.5 mm (.060")	180	150	160	-	-	-	-	-	80
2 mm (.080")	130	100	120	112	80	92	65	68	60
2.3 mm (.090")	120	80	112	96	72	72	60	60	-
2.5 mm (.098")	112	80	100	90	64	72	60	60	-
3 mm (.118")	96	60	84	76	60	60	45	60	40
4 mm (.157")	-	-	-	-	-	-	-	-	30
4.5 mm (.177")	60	50	56	48	36	40	35	35	-
5 mm (.197")	-	-	-	-	-	-	-	-	25
5.6 mm (.220")	50	40	45	40	30	32	25	30	-
6 mm (.236")	48	40	45	38	30	32	25	30	20
8 mm (.315")	-	-	-	-	-	-	-	-	15
9 mm (.354")	32	-	28	24	-	20	-	20	-
12 mm (.472")	24	-	20	18	-	16	-	14	-
18 mm (.708")	16	-	-	12	-	10	-	-	-
24 mm (.944")	12	-	-	9	-	8	-	-	-

## ACRYLITE®

- extruded colorless, whites colors
- framing grade
- non-glare
- UV filtering cast
- POP Touch
- digital print

## ACRYLITE® LED

- sign grade colorless, colors
- diffused sign grade
- light guiding edge lit

## ACRYLITE® Optical

- mar resistant

## ACRYLITE® Satinice

- crystal surface
- optimum light diffusion

## ACRYLITE® Reflections

- frosted mirror
- smooth frosted mirror
- iridescent

## ACRYLITE® Hi-Gloss

HALF PALLETS									
Size in Inches	48 x 96/ 49x97	48 x 120	51 x 100	60 x96/ 61x97	60x120	72x96	72x120	75x100	80x120
Square Feet	32/33	40	35.4	40/41.1	50	48	60	52.1	66.67
Thickness (inches)	Sheets per pallet								
1.5 mm (.060")	90	-	-	90	-	-	-	-	-
2 mm (.080")	68	64	68	60	-	-	-	-	-
2.3 mm (.090")	60	48	56	48	40	40	32	40	-
2.5 mm (.098")	56	48	56	48	40	40	32	40	-
3 mm (.118")	48	40	44	36	44	32	32	32	-
4.5 mm (.177")	28	32	28	24	28	20	24	20	-
5.6 mm (.220")	24	24	24	20	20	16	16	16	-
6 mm (.236")	24	24	24	20	20	16	16	12	-

**Not all products are available in every sheet size/thickness.**  
**E-mail Evonik Sales Team at [csas@evonik.com](mailto:csas@evonik.com)**

# 1.0 ACRYLITE® Packaging

## ACRYLITE®

- markerboard

## ACRYLITE® LED

- sign grade

## ACRYLITE® Satinice

- velvet texture one-sided

- velvet texture two-sided

QUARTER PALLETS										
Size in Inches	49x97	48 x 96	51 x 100	51 x 125	60 x 96	60 x 120	72 x 96	75 x 100	75 x 125	80x120
Square Feet	33	32	35.4	35.4	44.27	50	48	52.1	65.1	66.67
Thickness (inches)	Sheets per pallet									
3 mm (.118")	-	24	22	18	16	16	-	-	-	-
4.5 mm (.177")	-	14	14	10	10	10	-	10	8	-
6 mm (.236")	-	12	12	10	8	8	-	-	-	5

## ACRYLITE®

- extruded colorless,

whites colors

- framing grade

- non-glare

- UV filtering cast

- POP Touch

-digital print

## ACRYLITE® LED

- light guiding edge lit

## ACRYLITE® Resist

- 45/65 colorless

## ACRYLITE® Satinice

- crystal surface

- optimum light diffusion

## ACRYLITE® Optical

- mar resistant

## ACRYLITE® Reflections

- mirror colorless, colors

- frosted mirror

- smooth frosted mirror

- iridescent

STANDARD CASES										
Size in Inches	49x97	48 x 96	48 x 120	51 x 100	60 x 96	60 x 120	72 x 96	72 x 120	75 x 100	80x120
Square Feet	33	32	40	35.4	40	50	48	60	52.1	66.67
Thickness (inches)	Sheets per pallet									
1.5 mm (.060")	-	17	-	-	17	-	-	-	-	-
2 mm (.080")	-	17	-	17	15	5	-	-	-	-
2.3 mm (.090")	-	14	-	-	-	-	-	-	-	-
2.5 mm (.098")	-	14	-	-	12	-	10	-	-	-
3 mm (.118")	-	12	10	11	9	-	8	8	8	-
4.5 mm (.177")	-	7	-	7	5	-	5	6	5	-
5.6 mm (.220")	-	6	-	-	5	-	4	4	-	-
6 mm (.236")	-	6	-	-	5	-	4	4	-	-
9 mm (.354")	-	4	-	4	3	-	3	3	3	-
12 mm (.472")	-	3	2	3	2	-	2	-	-	-
18 mm (.708")	-	2	2	-	-	-	-	-	-	-
24 mm (.944")	-	1	-	-	-	-	-	-	-	-

**Not all products are available in every sheet size/thickness.**

**E-mail Evonik Sales Team at [csas@evonik.com](mailto:csas@evonik.com)**

January 2018

# 1.0 ACRYLITE® Warranties and Certifications

<http://www.acrylite.net/product/acrylite/en/about/warranties/>



## ABOUT ACRYLITE®

## PRODUCTS

## APPLICATION AREAS

## WHERE TO BUY?

## TECHNICAL SUPPORT

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Certificate of Origin

Certifications

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## ABOUT ACRYLITE® WHO ARE WE?

ACRYLITE® acrylic products are characterized by their outstanding weather resistance, superior impact strength and high optical quality.

Evonik Industries is a worldwide manufacturer of PMMA products sold under the ACRYLITE® trademark in the Americas and under the PLEXIGLAS® trademark in the European, Asian, African and Australian continents.

Designers, fabricators, architects, engineers and end-users have come to rely on ACRYLITE® sheet products to meet their unique challenges in a broad range of markets including P-O-P displays, store fixtures, conservation glazing, architectural interior, furniture, greenhouses, aircraft glazing and security applications.

FOLLOW US ON SOCIAL MEDIA AND KEEP UP TO DATE WITH THE LATEST PRODUCT NEWS, PHOTOS, VIDEOS AND PROMOTIONS

We are excited to be able to take advantage of global conversations to improve service our customers and to learn from their experiences in order to create better products and solutions. Choose your favorite way to connect and we'll see ya online!

<http://www.acrylite.net/product/acrylite/en/about/certifications/>



## ABOUT ACRYLITE®

## PRODUCTS

## APPLICATION AREAS

## WHERE TO BUY?

## TECHNICAL SUPPORT

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Trade shows & events

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Warranties

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Certificate of Origin

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## ABOUT ACRYLITE® WHO ARE WE?

ACRYLITE® acrylic products are characterized by their outstanding weather resistance, superior impact strength and high optical quality.

Evonik Industries is a worldwide manufacturer of PMMA products sold under the ACRYLITE® trademark in the Americas and under the PLEXIGLAS® trademark in the European, Asian, African and Australian continents.

Designers, fabricators, architects, engineers and end-users have come to rely on ACRYLITE® sheet products to meet their

January 2018

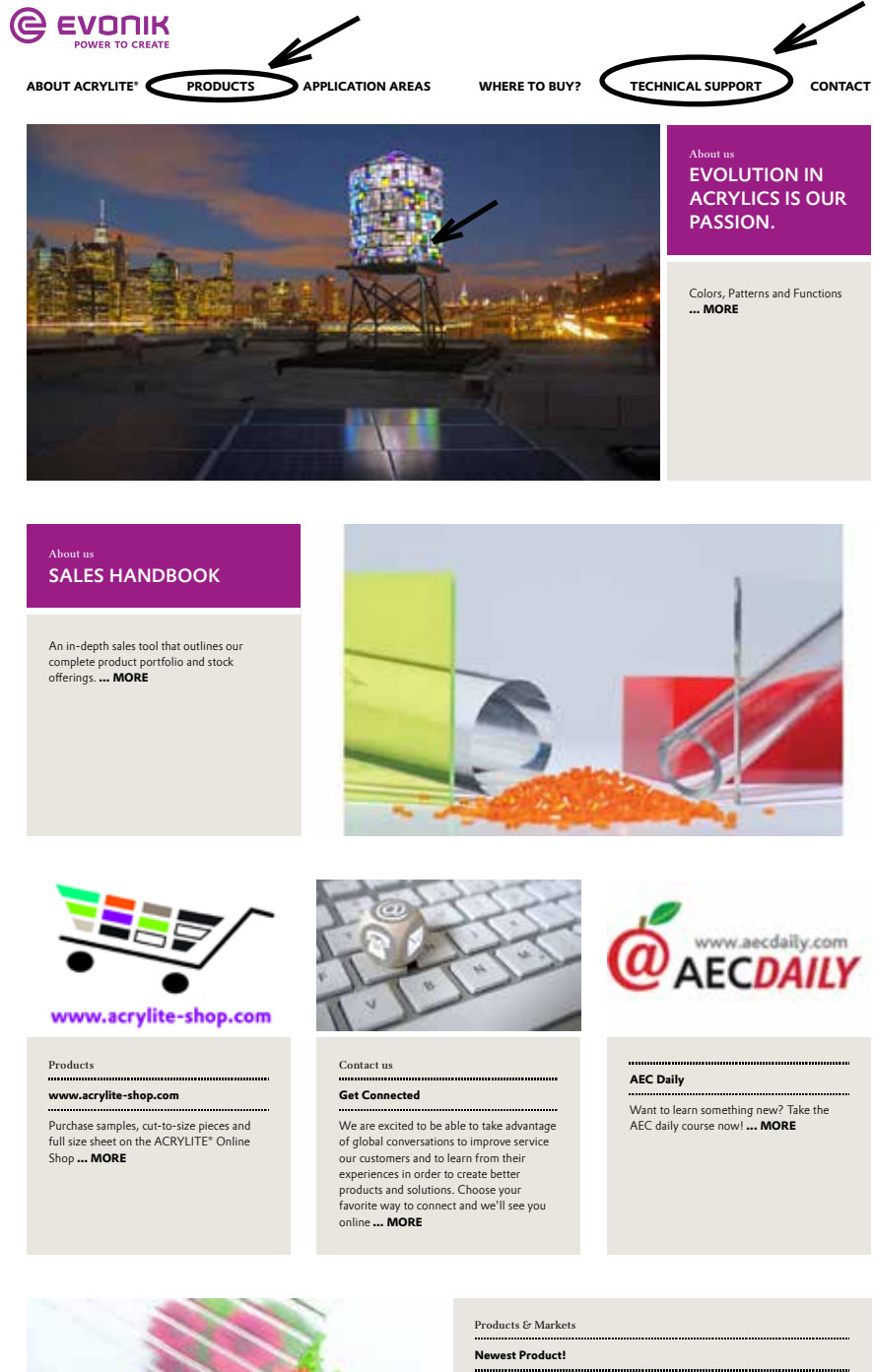
## 1.0 ACRYLITE® Reference Documents

To find reference documents that may be helpful to you, please visit:

<http://www.acrylite.net/product/acrylite/en/products/>

For anything more specific, please click the Technical Support Tab or visit:

<http://www.acrylite.net/product/acrylite/en/technical-support/>



The screenshot shows the Evonik Acrylite website. The Evonik logo is at the top left. The navigation bar includes links for ABOUT ACRYLITE®, PRODUCTS, APPLICATION AREAS, WHERE TO BUY?, TECHNICAL SUPPORT, and CONTACT. The PRODUCTS and TECHNICAL SUPPORT links are circled with black ovals, and black arrows point to them from the right. Below the navigation bar, there is a large image of a water tower covered in colorful acrylic sheets, with an arrow pointing to it. To the right of this image is a purple box with the text "About us EVOLUTION IN ACRYLICS IS OUR PASSION." and a link "Colors, Patterns and Functions ... MORE". Below this is a section titled "About us SALES HANDBOOK" with a link "An in-depth sales tool that outlines our complete product portfolio and stock offerings. ... MORE". To the right of this is a photograph of acrylic sheets and a pile of orange acrylic granules. Below the sales handbook section is a shopping cart icon with the text "www.acrylite-shop.com". To the right of this is a keyboard with a cube on it. To the right of the keyboard is the AEC Daily logo with the text "www.aecdaily.com" and "AEC DAILY". Below the shopping cart icon is a section titled "Products" with a link "www.acrylite-shop.com" and a link "Purchase samples, cut-to-size pieces and full size sheet on the ACRYLITE® Online Shop ... MORE". To the right of this is a section titled "Contact us Get Connected" with a link "We are excited to be able to take advantage of global conversations to improve service our customers and to learn from their experiences in order to create better products and solutions. Choose your favorite way to connect and we'll see you online ... MORE". To the right of this is a section titled "AEC Daily" with a link "Want to learn something new? Take the AEC daily course now! ... MORE". At the bottom of the page, there is a section titled "Products & Markets" with a link "Newest Product!".

# 1.0 Contact Us

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## 2.1 ACRYLITE® cast



Produced by Regal Plastic and Co-Designed with AmosEvents  
2014 Center Garden- Nashville Antiques & Garden Show

ACRYLITE® cast clear  
ACRYLITE® cast white  
ACRYLITE® cast colors  
ACRYLITE® block  
ACRYLITE® spectator protection  
ACRYLITE® military specification  
Information Section

## 2.1 ACRYLITE® clear

Standard cast acrylic






ACRYLITE® cast is a cell-cast sheet made to exacting standards. It offers excellent optical characteristics, light stability and low internal stress levels for consistent performance.



Color	Color Number		Transmission TD65		Thickness							
					.118	.177	.220	.236	.354	.472	.708	.944
	old	new			3mm	4.5mm	5.6mm	6mm	9mm	12mm	18mm	24mm
Clear	011-9	0F00	T	>90%								
Number of sheets per Full-Pallet			48x96	96	60	50	✓	32	24	16	12	
			60x96	✓	✓	✓	✓	✓	✓	✓	✓	
			72x96	✓	40	32	✓	20	16	10	8	
			80x120	✓	✓	24	✓	14	10	7	5	

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.1 ACRYLITE® white

Standard cast acrylic






ACRYLITE® cast is a cell-cast sheet made to exacting standards. It offers excellent optical characteristics, light stability and low internal stress levels for consistent performance.

Color	Color Number			Transmission TD65		Thickness							
						.118	.177	.220	.236	.354	.472	.708	.944
						3mm	4.5mm	5.6mm	6mm	9mm	12mm	18mm	24mm
old			new	industry	Number of sheets per Full-Pallet based on 48x96								
White	015-2	WM30	7328	TL	Please refer to the chart below ↓	96	60	✓	48	32	24	✓	12
White	020-4	WM32	2447	TL		96	60	✓	✓	✓	24	✓	✓

Light Transmissions		
Thickness	Colors	
	WM30	WM32
3mm	31.5%	53.2%
4.5mm	23%	41%
6mm	18%	35.5%
9mm	11%	24.3%
12mm	7.3%	17.3%
24mm	1.4%	-

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	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.1 ACRYLITE® colors

Standard cast acrylic



ACRYLITE® cast is a cell-cast sheet made to exacting standards. It offers excellent optical characteristics, light stability and low internal stress levels for consistent performance.

Color	Color Number			Color Sample	Transmission TD65	Thickness							
						.118	.177	.236	.354	.472	.708	.944	
						3mm	4.5mm	6mm	9mm	12mm	18mm	24mm	
	old	new	industry			Number of sheets per Full-Pallet based on 48x96							
Yellow	407-2	1H01	2037		TL	22%	✓	✓	-	-	-	-	-
Ivory	047-2	1H31	2146		TL	29%	✓	✓	-	-	-	-	-
Amber	408-5	2C04	2451		T	38%	✓	✓	✓	-	-	-	-
Orange	303-0	2H02	2119		TL	7%	✓	✓	-	-	-	-	-
Red	278-0	3H31	2793		TL	3%	✓	✓	-	-	-	-	-
Red	257-0	3C01	2423		TL	5%	✓	✓	-	-	-	-	-
Blue FL	6157-9	5C12	-		T	63%	✓	-	✓	✓	✓	-	-
Blue	605-0	5H30	2114		TL	2%	✓	✓	-	-	-	-	-
Blue	606-0	5H31	2050		TL	1%	✓	✓	-	-	-	-	-
Glass Green	5110-9	6F20	3030		T	91%	✓	✓	✓	✓	✓	✓	✓
Green	507-0	6H22	2108		TL	2%	✓	✓	-	-	-	-	-
Green	5141-9	6F22	-		T	92%	✓	✓	✓	✓	✓	-	-
Bronze	126-4	7C24	2404		T	48%	✓	✓	✓	✓	-	-	-
Grey	144-7	7C19	2515		T	75%	✓	✓	✓	✓	-	-	-
Bronze	131-2	7C49	2412		T	27%	✓	✓	✓	✓	-	-	-
Bronze	311-1	7C40	2370		T	10%	✓	✓	✓	✓	-	-	-
Black	199-0	9H01	2025		OP	0%	96	60	48	32	✓	-	-

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

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	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.1 ACRYLITE® block

Specialty cast acrylic






ACRYLITE® block makes a powerful statement. Its distortion-free view enhances a product or message without distracting from it. ACRYLITE® block has high mechanical and chemical resistance and is easy to work with, even in complex fabrications. It is eleven times the impact strength of glass and is also monolithic.



Color	Color Number		Transmission TD65		Thickness										
	old	new			1.181"	1.575"	1.969"	2.362"	2.500"	2.756"	3.000"	3.150"	3.543"	3.937"	4.000"
					30.0mm	40.0mm	50.0mm	60.0mm	63.5mm	70.0mm	76.2mm	80.0mm	90.0mm	100.0mm	101.6mm
Colorless	011-9	0F00	T	92%											
Number of sheets per Full-Pallet			48x 96	9	7	5	-	1	-	1	-	-	-	1	
			78.7 x 98	4	2	2	-	-	-	-	-	-	-	-	
			78.7 x 118.1	4	1	1	1	-	1	-	1	1	1	-	
			80 x 120	4	1	1	-	-	-	-	-	-	-	-	
			78.7x 196.9	-	-	1	1	-	-	-	1	1	1	-	

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

\*oversized blocks for specialty glazing applications ( ie. Glazing of large aquariums, swimming pools, lenses, prisms ect ) please contact inside sales

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<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.1 ACRYLITE® spectator protection




Specialty cast acrylic



ACRYLITE® spectator protection acrylic sheet is the new standard in spectator shielding. ACRYLITE® spectator protection acrylic is engineered to meet ASTM F1703-13 testing. It holds up to puck and player impacts, provides greater flexibility than tempered glass, clearer viewing for fans and easier, quicker changeover operations for facilities.

Color	Color Number		Transmission TD65		Thickness			
					Full gauge Tolerance .545			
					13.8mm			
	old	new			50x99	62x99	74x99	80x120
Clear	011-9	0F00	T	92%	20	15	12	10

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.1 ACRYLITE® military specification

Specialty cast acrylic



ACRYLITE® (249) is an aerospace-grade, cross linked sheet, offering superior craze and heat resistance as well as water absorption characteristics. Designed for aircraft glazing, it is certified to meet or exceed the current version of Military Specification MIL PRF-8184F as both Type I, Class 1 and Type I, Class 2 material. It is also listed on the U.S. Qualified Product Listing Database (QPL).






ACRYLITE® (GMS) is manufactured and certified to meet or exceed the current version of Military Specification MIL PRF-5425E. Used in aircraft glazing applications, it is subjected to one of the most critical optical inspections in the industry. It is also listed on the U.S. Qualified Product Listing Database (QPL).

ACRYLITE® (GMU) has excellent UV absorption characteristics relative to standard acrylic often used in aircraft applications. Certified to meet or exceed the current version of AMS-LP-391 and ASTM-D-4802.

Grade	Thickness
	0.060" - 3.5"
249	up to 80x120

Grade	Thickness
	0.060" - 1.0"
GMS	up to 80x120

Grade	Thickness
	0.060" - 1.0"
GMU	up to 80x120

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.1 Information section

cast acrylic

### ACRYLITE® cast clear

- The figures given for light transmission are typical values that apply to all thicknesses.
- The material conforms to ISO 7823-1 and is UV-absorbing.

#### Batch Yield

- Special grades are made to order. The entire batch or a multiple thereof is delivered. Delivered quantity may be more or less than ordered.

### ACRYLITE® cast white

- The figures given for light transmission are typical values that apply to all thicknesses.
- The material conforms to ISO 7823-1 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.
- The color may vary slightly from batch to batch.
- The reverse side of translucent or opaque color sheet may be slightly different from the controlled service side, which is marked with the grade.

#### Batch Yield

- Special grades are made to order. The entire batch or a multiple thereof is delivered. Delivered quantity may be more or less than ordered.

### ACRYLITE® cast colors

- The light transmission is given as a typical value for 3mm thickness.
- The material conforms to ISO 7823-1 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.
- The color may vary slightly from batch to batch.
- The reverse side of translucent or opaque color sheet may be slightly different from the controlled service side, which is marked with the grade.

#### Batch Yield

- Special grades are made to order. The entire batch or a multiple thereof is delivered. Delivered quantity may be more or less than ordered.



## 2.2 ACRYLITE® extruded



ACRYLITE® extruded clear  
ACRYLITE® extruded Boxed Goods  
ACRYLITE® extruded colors  
ACRYLITE® POP Touch  
ACRYLITE® markerboard  
ACRYLITE® digital print  
Information Section

## 2.2 ACRYLITE® clear

Standard extruded acrylic






ACRYLITE® extruded acrylic is the highest quality continuously manufactured acrylic sheet on the market today. Using a proprietary, innovative process, ACRYLITE® extruded acrylic products are economical, provide tight thickness tolerance, high optical characteristics and low stress levels.



Color	Color Number		Transmission TD65		Thickness												
	old	new			.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472	.708	.944
					1.5mm	2mm	2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm	18mm	24mm
Clear	011-9	0A000	T	90%													
Number of sheets per Full-Pallet			48x96	180	130	120	112	96	76	60	50	48	32	24	16	12	
			60x96	150	✓	96	90	76	✓	48	40	38	24	✓	✓	✓	
			72x96	-	92	72	72	60	✓	40	32	32	26	16	✓	✓	
			51x100	160	120	112	100	84	✓	56	45	45	32	✓	-	-	
			75x100	-	68	60	✓	60	✓	35	✓	30	✓	✓	-	-	
			48x120	✓	✓	✓	80	60	✓	✓	40	40	✓	✓	✓	✓	
			60x120	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
			72x120	-	✓	✓	✓	✓	✓	✓	25	✓	-	-	-	-	

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.2a ACRYLITE® Boxed Goods

Standard extruded acrylic




Color	Color Number		Transmission TD65		Thickness .090					
					Sheet Size					
	old	new			24x28	24x30	28x30	30x32	30x34	30x36
Clear	011-9	0A000	T	92%	10	10	10	10	10	10

Color	Color Number		Transmission TD65		Thickness .090		
					Sheet Size		
	old	new			30x60	32x44	36x72
Clear	011-9	0A000	T	92%	5	5	5

TP (Poly Film) One Box Minimum

☎ Boxes are available upon request. Please contact Evonik Sales Team for more information.

 = per box

## 2.2 ACRYLITE® white

Standard extruded acrylic



ACRYLITE® extruded acrylic is the highest quality continuously manufactured acrylic sheet on the market today. Using a proprietary, innovative process, ACRYLITE® extruded acrylic products are economical, provide tight thickness tolerance, high optical characteristics and low stress levels.



Color	Color Number			Transmission TD65	Thickness												
	old	new	industry		.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472		
					1.5mm	2mm	2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm		
Number of sheets per Half-Pallet 48x96																	
White	015-2	WT030	7328	TL	Please refer to the light transmission chart below ↓	90	✓	✓	✓	48	✓	28	24	24	16	12	
White	020-4	WT031	2447	TL		90	✓	✓	✓	48	✓	28	24	24	-	-	
White HG > .354	020-4	WM531	2447	TL		-	-	-	-	-	✓	-	-	-	16	12	
White	-	WT008	7508	OP	6%	-	-	-	-	48	✓	28	24	✓	✓	12	

Color	Color Number			Transmission TD65		Thickness											
	old	new	industry			.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472	
						1.5mm	2mm	2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm	
						Number of sheets per Half-Pallet 49x97											
White	-	WT018	3015	OP	2%	-	-	✓	✓	48	✓	28	24	24	✓	✓	
White	097-0	WT020	2371	OP	0%	-	-	✓	✓	48	✓	28	✓	24	✓	✓	

Light Transmissions					
Thickness	Colors				
	WT030	WT031	WM531	WT018	WT020
1.5mm	44.5%	69%	-	-	-
3mm	31.5%	53.2%	-	2%	3.5%
4.5mm	23%	41%	-	1%	1.5%
5.6mm	19.1%	35.9%	-	.5%	1%
6mm	18%	35.5%	-	-	1%
9mm	11%	-	24.3%	.3%	.5%
12mm	7.3%	-	17.3%	-	-
24mm	1.4%	-	-	-	-

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

## 2.2 ACRYLITE® colors

Standard extruded acrylic




ACRYLITE® extruded acrylic is the highest quality continuously manufactured acrylic sheet on the market today. Using a proprietary, innovative process, ACRYLITE® extruded acrylic products are economical, provide tight thickness tolerance, high optical characteristics and low stress levels.


Color	Color Number			Color Sample	Transmission TD65	Thickness												
	old	new	industry			.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472		
						1.5mm	2mm	2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm		
Number of sheets per Half-Pallet based on 48x96 / 47x97																		
Yellow	407-2	1K030	2037		TL	23%	-	-	-	✓	48	✓	28	✓	✓	✓	-	
Yellow	430-7	1C022	2208		T	75%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Red	211-1	3K032	2283		TL	10%	-	-	-	✓	48	✓	28	✓	✓	✓	-	
Red	278-0	3K031	2793		TL	3%	-	-	-	✓	48	✓	28	✓	✓	✓	-	
Red	2050 HG	3M030	2157		TL	1%	-	✓	✓	✓	48	✓	28	✓	✓	-	-	
Dark Red	2570 HG	3M031	2423		T	5%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Red	210-0	3C020	2444		T	8%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Purple	718-3	4C023	1020		T	30%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Grey	103-2	7C025	2064		T	25%	✓	✓	✓	✓	48	✓	28	✓	24	✓	✓	
Grey	104-1	7C026	2074		T	13%	✓	✓	✓	✓	48	✓	28	✓	24	✓	✓	
Grey	115-0	7C056	-		T	8%	-	-	-	-	✓	-	✓	✓	✓	-	-	
Glass Green	5110-9	6B020	3030		T	90%	✓	✓	✓	✓	✓	✓	28	✓	24	✓	✓	
Green-Coke Bottle	5127-7	6C032	2111		T	77%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Green	545-2	6C028	2092		T	26%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Bronze	126-4	7C024	2404		T	48%	-	✓	✓	✓	48	✓	28	✓	24	✓	✓	
Bronze	131-2	7C049	2412		T	27%	✓	✓	✓	✓	48	✓	28	✓	24	✓	✓	
Bronze	311-1	8C030	2370		T	11%	-	-	✓	✓	48	✓	28	✓	✓	✓	-	
Blue	625-5	5C026	2069		T	55%	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
Blue	668-0	5C028	2424		T	7%	-	✓	✓	✓	48	✓	✓	✓	✓	-	-	
Black	1146-0	9M020	2650		T	2%	✓	✓	✓	✓	✓	-	✓	24	✓	-	-	
Black	1990 HG	9M001	2025		OP	0%	90	✓	✓	✓	48	✓	28	✓	24	16	12	
Fluorescent*																		
Ruby Edge	-	3B020	2143-7		T	88%	-	-	-	-	✓	-	-	✓	-	-	-	
Bright Orange	-	3C025	2150-5		T	58%	-	-	-	-	✓	-	-	✓	-	-	-	
Red/Orange	-	3C024	2149-4 FF		T	53%	-	-	-	-	✓	-	-	✓	-	-	-	
Red	2085	3C026	2163-4 FF		T	41%	-	-	-	-	✓	-	-	✓	-	-	-	
Lime Green	9093	6C020	5143-8 FF		T	94%	-	-	-	-	✓	-	-	✓	-	-	-	
Yellow	-	1C020	40738 FF		T	92%	-	-	-	-	✓	-	-	✓	-	-	-	
Blue	-	5B021	6157-9		T	91%	-	-	-	-	✓	-	-	✓	-	-	-	

**T** = transparent

**TL** = translucent

**OP** = opaque

 = available from stock

 = can be manufactured  
minimums apply

 = not available

\* Available in 49x97 sheet size

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

## 2.2 ACRYLITE® POP Touch




Specialty extruded acrylic



ACRYLITE® POP Touch acrylic sheet has a slightly frosted texture on one side and a smooth surface on the opposite side. Specially developed to meet the needs for ADA compliant interior signage, ACRYLITE® POP Touch sheet yields optimal anti-glare properties necessary for ADA compliance.

Color	Color Number		Transmission TD65		Thickness					
	old	new			.060	.080	.098	.118	.177	.220
					1.5mm	2mm	2.5mm	3mm	4.5mm	5.6mm
Clear	011-9 P12	0A000 12	T	92%						
Number of sheets per Half-Pallet			48x96		90	68	56	48	28	24
			61x97		90	60	48	36	✓	✓

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.2 ACRYLITE® markerboard




Specialty extruded acrylic



ACRYLITE® markerboard acrylic sheet is both stylish and durable. It offers a smooth and glossy appearance while providing unsurpassed chemical and abrasion resistance. Say goodbye to residual ghosting and smearing!

Color	Color Number		Transmission TD65		Thickness		
					.118	.177	.236
					3mm	4.5mm	6mm
	old	new			Number of sheets per Quarter-Pallet based on 48x96		
Clear	011-9	0A000 MR2	T	92%	24	15	12
White	015-2	WT030 MR2	TL	31%	24	15	12

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.2 ACRYLITE® digital print

Specialty extruded acrylic



ACRYLITE® digital print is a crystal clear acrylic sheet with enhanced adhesion properties for UV curable inks used in today's flatbed digital printers. ACRYLITE® digital print eliminates the need for costly adhesion promoters or other labor intensive surface preparation.

Color	Color Number		Transmission TD65		Thickness					
					.118	.177	.220	.354	.472	
	equivalent	new			3mm	4.5mm	5.6mm	9mm	12mm	
	Number of sheets per Half-Pallet based on 48x96									
Colorless	-	0M007	T	92%	48	28	24	✓	✓	
Colorless	-	0M007 MR1	T	92%	✓	✓	✓	✓	✓	
Colorless	P99 non-glare	0M007 AR	TL	92%	48	28	24	-		
White	WT031	WM515	TL	3mm	53%	✓	✓	✓	✓	-
				4.5mm	41%					
				5.6mm	36%					
				9mm	24%					
White	WT020	WM804	OP	0%	✓	✓	✓	✓	✓	-
Black	9K020	9M501	OP	0%	✓	✓	✓	✓	✓	-

Color	Color Number		Transmission TD65		Thickness				
					.118	.177	.220	.354	.472
	old	new			3mm	4.5mm	5.6mm	9mm	12mm
	Number of sheets per Case based on 48x96								
Colorless	-	0M007	T	92%	12	7	6	✓	✓
Colorless	P99 non-glare	0M007 AR	T	92%	12	7	6	✓	✓

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available



## 2.2 Information section

extruded acrylic

### ACRYLITE® extruded clear

- The material conforms to ASTM D-4802\*, is transparent, UV-absorbing (partially UV-transmitting), with two smooth, high-gloss surfaces.
- Special grades are made to order. The entire batch is delivered.

### ACRYLITE® extruded white

- The light transmission is given as a typical value for 3mm thickness; sheets become more opaque, with increasing thickness. All grades conform to ASTM D-4802\*.
- Special grades are made to order. The entire batch is delivered.
- Minimum order quantity for special grades depends upon color/thickness
- Both surfaces are smooth and glossy; the color may vary slightly from batch to batch.
- Translucent grades are light-diffusing and largely UV-absorbing.
- Opaque grades are UV-absorbing.

### ACRYLITE® extruded colors

- The light transmission is given as a typical value for 3 mm thickness.
- All grades conform to ASTM D-4802\*.
- Special grades are made to order. The entire batch is delivered.
- Minimum order quantity for special grades depends upon color/thickness.
- Both surfaces are smooth and glossy; the color may vary slightly from batch to batch
- Translucent grades are light-diffusing and largely UV-absorbing.
- Translucent and opaque grades are UV-absorbing.

\*American Society for Testing and Materials

## 2.3 ACRYLITE® Gallery



ACRYLITE® Gallery framing grade (FF3)  
ACRYLITE® Gallery non-glare (P99)  
ACRYLITE® Gallery UV filtering (OP2)  
ACRYLITE® Gallery UV filtering (UV3)  
ACRYLITE® Gallery UV filtering (OP3)

## 2.3 ACRYLITE® Gallery framing grade (FF3)

Specialty extruded acrylic






ACRYLITE® framing grade sheet is guaranteed defect free or your money back. It's an exceptional general-purpose glazing for cherished memorabilia, photographs and prints as well as for valued artwork, and is used by museums and galleries for both indoor and outdoor framing.



Color	Color Number		Transmission TD65		Thickness							
	old	new			.060	.080	.090	.098	.118	.177	.220	.236
					1.5mm	2mm	2.3mm	2.5mm	3mm	4.5mm	5.6mm	6mm
Colorless	011-9	0A000 GT	T	92%								
Number of sheets per Full-Pallet			48x96	180	130	120	112	96	✓	✓	✓	
			51x100	✓	✓	✓	✓	84	✓	✓	✓	
			60x96	-	✓	✓	✓	76	✓	✓	✓	
			72x96	-	-	-	-	✓	✓	✓	✓	
			60x120	-	-	-	-	✓	✓	✓	-	
			48x120	✓	✓	✓	✓	✓	✓	✓	✓	
			72x120	-	-	-	-	✓	✓	✓	✓	
			75x100	-	68	60	✓	60	35	✓	30	
			75x126	-	-	-	-	✓	✓	-	✓	
Number of sheets per Case			75x126	-	-	-	-	4	3	-	2	

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.3 ACRYLITE® Gallery non-glare (P99)

Specialty extruded acrylic






ACRYLITE® non-glare sheet is designed to minimize glare and reflection and maximize the unhindered viewing of framed artwork and prints. This special matte finish shows off the art from almost any angle under typical lighting conditions.

Color	Color Number		Transmission TD65		Thickness						
	old	new			.060	.080	.090	.098	.118	.177	.236
					1.5mm	2mm	2.3mm	2.5mm	3mm	4.5mm	6mm
Colorless	011-9	0A000 AR	T	90%							
Number of sheets per Half-Pallet			48x96	90	68	✓	56	48	28	24	
			51x100	✓	✓	✓	✓	44	✓	✓	
			61x97	90	✓	-	48	36	✓	✓	
			61x121	-	-	-	-	✓	-	-	

ACRYLITE® UV filtering non-glare											
Color	Color Number		Transmission TD65		Thickness						
					.060	.080	.090	.098	.118	.177	.236
	1.5mm	2mm			2.3mm	2.5mm	3mm	4.5mm	6mm		
	old	new			Number or sheets per Half-Pallet based on 48x96						
Colorless	000-9	0B000 AR	T	92%	-	-	✓	56	48	✓	✓

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available



## 2.3 ACRYLITE® Gallery UV filtering (OP2)

Specialty cast acrylic






ACRYLITE® UV filtering sheet is guaranteed defect free with a high UV filtering and a crystal clear edge. This cell cast sheet is the clear choice for museum vitrines. Easily fabricated, edges can be mitered and cemented for strong nearly invisible joints. It can be thermoformed, cold-formed, screen printed and painted. This product is also available with an abrasion and chemical resistant coating upon request.



Color	Color Number		Transmission TD65		Thickness				
	old	new			.118	.177	.236	.354	.472
					3mm	4.5mm	6mm	9mm	12mm
Colorless	0A50	0F03	T	92%					
Number of sheets per Full-Pallet			51x100	96	✓	42	28	24	
			75x100	✓	✓	32	20	✓	
			80x120	✓	✓	20	✓	✓	

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.3 ACRYLITE® UV filtering (UV3)

Specialty extruded acrylic



ACRYLITE® UV filtering (UV3) acrylic sheet offers museum-quality UV protection, but at a slightly reduced level when compared with OP3. Without sacrificing clarity, impact, and quality, this reduced cost UV-filtering sheet will still provide a high level of UV protection for most applications. It is an ideal choice for those applications which do not need maximum UV protection.



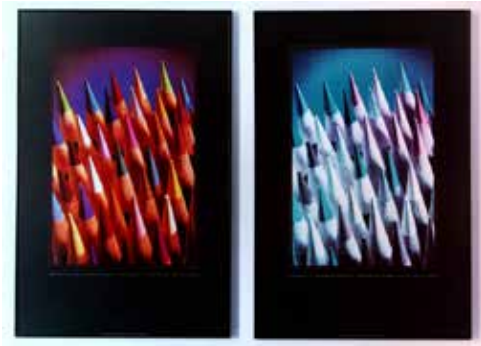
Color	Color Number		Transmission TD65		Thickness			
	old	new			.098	.118	.177	.236
					2.5mm	3mm	4.5mm	6mm
Clear	0009	0B050 GT	T	92%				
Number of sheets per Half-Pallet			48x96		56	48	28	✓
			51x100		✓	✓	✓	✓
			60x96		✓	✓	✓	✓
			72x96		✓	✓	✓	✓
			48x120		✓	✓	✓	✓
			60x120		✓	✓	✓	✓
			72x120		✓	✓	✓	✓
			75x126		✓	✓	✓	✓
Number of sheets per Case			48x96		14	12	7	✓

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
—	= not available

## 2.3 ACRYLITE® UV filtering (OP3)

Specialty extruded acrylic



ACRYLITE® UV filtering acrylic products offers unsurpassed museum-quality UV protection and the beautiful clarity of the finest picture frame glazing. It is a safer alternative at half the weight of glass, many times more resistant to impact, easier to handle, and more economical to ship.



Color	Color Number		Transmission TD65		Thickness			
	old	new			.098	.118	.177	.236
					2.5mm	3mm	4.5mm	6mm
Clear	0009	0B000 GT	T	92%				
Number of sheets per Half-Pallet			48x96		56	48	28	✓
			51x100		✓	44	28	✓
			60x96		✓	36	✓	✓
			72x96		✓	32	20	✓
			48x120		✓	✓	✓	✓
			60x120		✓	✓	✓	✓
			72x120		✓	32	24	✓
			75x126		✓	✓	✓	✓
Number of sheets per Case			75x126		✓	4	3	2

ACRYLITE® UV filtering mar resistant									
Color	Color Number		Transmission TD65	Thickness					
				.098	.118	.177	.236	.354	
	2.5mm	3mm		4.5mm	6mm	9mm			
	old	new		Number of sheets per Half-Pallet based on 48x96					
Clear	000-9	0B000 MR1	T	92%	✓	48	✓	✓	✓

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.4 ACRYLITE® Heatstop



ACRYLITE® Heatstop



## 2.4 ACRYLITE® Heatstop

Specialty extruded acrylic  
with heat protection






ACRYLITE® Heatstop acrylic is an IR-reflecting sheet that reflects a large portion of incident solar radiation to limit the amount of heat entering a building while allowing an abundance of natural sunlight. This characteristic helps reduce energy consumption and makes ACRYLITE® Heatstop sheet a product that is well suited for “green” buildings.

Color	Color Number	Color Sample	Transmission TD65	Thickness			
				.118	.177	.118	.177
				3mm	4.5mm	3mm	4.5mm
				Number of sheets per Half-Pallet			
				54x108		76x108	
White	WZ005 HS		TL	52%	✓	✓	✓
Transparent Green	6Z002 HS		TL	69%	✓	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.5 ACRYLITE® Hi-Gloss



ACRYLITE® Hi-Gloss

## 2.5 ACRYLITE® Hi-Gloss

Specialty co-extruded acrylic



ACRYLITE® Hi-Gloss is a co-extruded sheet with a thin layer of color or pattern topped with crystal clear premium acrylic. This perfectly combined product provides the depth, luminosity and high-end gloss look at a fraction of the cost of similar solutions such as back-painted glass.

Color	Color Number	Color Sample	Transmission TD65		Thickness			
					.118	.177	.236	.354
					3mm	4.5mm	6mm	9mm
					Number of sheets per Half-pallet based on 49x97			
White	WM592 C1		OP	0%	✓	✓	✓	✓
Black	9M872 C1		OP	0%	✓	✓	✓	✓


Color	Color Number	Color Sample	Transmission TD65		Thickness				
					.118	.177	.236	.315	.394
					3mm	4.5mm	6mm	8mm	10mm
					Number of sheets per Half-pallet based on 80x120				
White	WM596 C1		OP	0%	✓	✓	✓	✓	✓
Red	3M571 C1		OP	0%	✓	✓	✓	✓	✓
Silver White	7M501 C1		TL	0%	✓	✓	✓	✓	✓
Lemon	1M800 C1		OP	0%	✓	✓	✓	✓	✓
Taupe	8M503 C1		OP	0%	✓	✓	✓	✓	✓


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**TL** = translucent


**OP** = opaque

 = available from stock

 = can be manufactured  
minimums apply

 = not available

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

 Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

## 2.6 ACRYLITE® LED



### **ACRYLITE® LED for backlighting**

- ACRYLITE® LED sign grade
- ACRYLITE® LED diffused sign grade
- ACRYLITE® LED optimized
- ACRYLITE® LED optimized letter block
- ACRYLITE® LED color changing back lit

### **ACRYLITE® LED for edgelighting**

- ACRYLITE® LED light guiding edge lit

## 2.6 ACRYLITE® LED sign grade

Specialty impact-modified extruded acrylic



ACRYLITE® LED sign grade the universal acrylic sheet for the sign market, is rigid, tough, easily fabricated, machined and resists chipping and melting. It is perfect for channel lettering, flat and pan faced sign and vacuum formed letter applications.




Color	Color Number					Color Sample	Transmission TD65**	Thickness					
								.118	.177	.118	.177		
								3mm	4.5mm	3mm	4.5mm		
								Number of sheets per Pallet based on					
	old	industry	impact modified	FF*	GP*			51x100		75x100			
30 Year Clear	011-9	-	0RA65	0A000	0F00		T	92%	84	56	✓	35	
30 Year White	015-2	7328	WRT30	WT030	WM30		TL	32%	84	56	✓	35	
30 Year White	020-4	2447	WRT31	WT031	WM32		TL	55%	✓	✓	✓	✓	
Ivory	047-2	2145	1RK31	-	1H31		TL	30%	✓	✓	✓	✓	


Color	Color Number					Color Sample	Transmission TD65**		Thickness			
									.118	.177	.118	.177
									3mm	4.5mm	3mm	4.5mm
	Number of sheets per Pallet based on											
old	industry	impact modified	FF*	GP*	51x100		75x100					
Red	278-0	2793	3RK31	3K031	3H31		TL	3%	84	56	✓	35
Red	211-1	2283	3RK32	3K032	-		TL	10%	22	14	✓	10
Red	205-0	2157	3RK30	3M030	-		TL	2%	✓	✓	✓	✓
Orange	303-0	2119	2RK20	-	2H02		TL	7%	✓	✓	✓	✓
Yellow	407-2	2037	1RK30	1K030	1H01		TL	23%	✓	✓	✓	10
Green	507-0	2108	6RK22	-	6H22		TL	9%	✓	✓	✓	✓
Blue	605-0	2114	5RK30	-	5H30		TL	3%	✓	✓	✓	✓
Blue	606-0	2050	5RK31	-	5H31		TL	1%	✓	✓	✓	✓
Black	-	-	9RK01	9M001	9H01		OP	0%	✓	✓	✓	✓


**T** = transparent

**TL** = translucent


**OP** = opaque

 = available from stock

 = can be manufactured minimums apply

 = not available

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

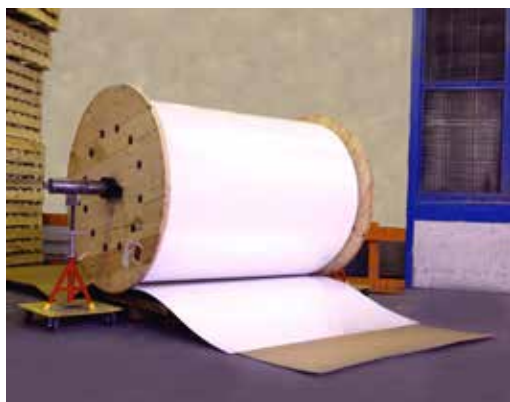
 Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

\* Please also check our extruded and cast color product pages for more information about available sheet sizes and thickness.

\*\* Light transmission values are relatively uniform across impact modified, extruded and cast sheets.

## 2.6 ACRYLITE® LED sign grade Reels

Specialty impact-modified  
extruded acrylic



ACRYLITE® LED sign grade the universal acrylic sheet for the sign market, is rigid, tough, easily fabricated, machined and resists chipping and melting. It is perfect for channel lettering, flat and pan faced sign and vacuum formed letter applications.



Color	Thickness	Length	Transmission					Untrimmed Widths (1/2 inch is unusable)			
				51"	75"	100"	104"	52"	76"	101"	
Clear ORA65	.118 (3mm)	400ft	T	91%	✓	✓	✓	-	✓	✓	✓
	.150 (3.8mm)	400ft	T	91%	✓	✓	✓	-	✓	✓	✓
	.177 (4.5mm)	350ft	T	91%	✓	✓	✓	-	✓	✓	✓
White WRT30	.118 (3mm)	400ft	TL	22%	✓	✓	✓	-	✓	✓	✓
	.150 (3.8mm)	400ft	TL	22%	✓	✓	✓	-	✓		
	.177 (4.5mm)	350ft	TL	22%		✓	✓	-	✓		

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
-	= not available

## 2.6 ACRYLITE® LED diffused sign grade




Specialty impact modified  
extruded acrylic



ACRYLITE® LED diffused sign grade acrylic sheet is specially formulated for LED sign faces. This innovative acrylic product possesses a frosted appearance and unique optical properties that evenly diffuse light and hide LED hot spots without the use of a diffuser film.

Color	Color Number	Transmission TD65	Thickness		
			.118	.177	
			3mm	4.5mm	
			Number of sheets per Half-pallet based on 75x100		
Colorless	ODR80 DF	T	88%	✓	20
White	WDR58 DF	T	46% (4.5mm) 54% (3mm)	32	20
White	WDR52 DF	T	33% (4.5mm) 36% (3mm)	✓	✓

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.6 ACRYLITE® LED optimized




Specialty cast acrylic



ACRYLITE® LED optimized acrylic sheet is specially designed for modern LED technology and is precisely adjusted to the color point of the LED. It is perfectly adjusted to the wavelength of the individual LED color in terms of transmission and light diffusion to provide maximum transmission and optimum light diffusion.

Color	Color Number	Transmission TD65		Thickness			
				.118	.157	.236	.315
				3mm	4mm	6mm	8mm
				Number of sheets per Full-pallet based on 80x120			
White	WH72	TL	31%	✓	✓	✓	✓
White	WH14	TL	52%	✓	✓	✓	✓
<b>This product is being discontinued as a standard stocked item and transitioning to MTO only.</b>							
<b>Please call Evonik Sales Team for more information.</b>							

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available



## 2.6 ACRYLITE® LED optimized letter block

Specialty cast acrylic



ACRYLITE® LED optimized letter block is a specially formulated cast acrylic developed for backlighting with embedded LEDs. Combining LEDs with ACRYLITE® LED acrylic makes for maximum efficiency and superior lighting technology especially in illuminated signs, store fixtures and exhibition booths. ACRYLITE® LED optimized letter block offers the following characteristics:

- Extremely weather resistant to provide decades of service
- No LED hot spots due to optimum light diffusion
- High luminous efficiency and therefore cost savings, through improved diffusion
- Easy to machine
- 100% recyclable

Color	Color Number	Transmission TD65		Thickness			
				.472	.708	.944	1.181
				12mm	18mm	24mm	30mm
				Number of sheets per Full-pallet based on 48x96			
White	WH51	TL	22%	24	16	12	-
White	WM51	TL	22%	-	-	-	9

Color	Color Number	Transmission TD65		Thickness			
				.472	.708	.944	1.181
				12mm	18mm	24mm	30mm
				Number of sheets per Quarter-allet based on 48x96			
White	WH51	TL	22%	6	4	3	-
White	WM51	TL	22%	-	-	-	3

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.


<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

## 2.6 ACRYLITE® LED color changing back lit

Specialty extruded acrylic




ACRYLITE® LED coloring changing back lit sheet appears dark by day and, with a little backlighting, it glows white at night! It's manufactured from a special pigment formulation that yields 25 percent light transmittance when backlit, but appears dark and opaque without backlighting.

Color	Color Number		Color Sample	Transmission TD65		Thickness				
						.118	.177	.236	.354	.472
	old	new				3mm	4.5mm	6mm	9mm	12mm
	Number of sheets per Half-pallet based on 49x97									
Black White	-	9K004		TL	25%	48	28	✓	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
-	= not available

## 2.6 ACRYLITE® LED light guiding edge lit

Specialty extruded acrylic





Embedded with colorless light diffusing particles that cause light to diffuse forward, ACRYLITE® LED light guiding edge lit sheet accepts light through its edge and redirects it to the surface for bright, uniform illumination.

Color	Color Number		Transmission TD65		Thickness			
					.157	.236	.315	.394
					4mm	6mm	8mm	10mm
	old	new			Number of sheets per Half-pallet based on 49x97			
Clear	-	0E010 SM	T	91%	✓	✓	✓	✓
Clear	0N001 L	0E011 L	T	91%	36	24	15	✓
Clear	0N002XL	0E012 XL	T	91%	36	24	15	14
Clear	0N003XXL	0E013 XXL	T	91%	✓	✓	✓	✓

Color	Color Number		Transmission TD65		Thickness			
					.157	.236	.315	.394
					4mm	6mm	8mm	10mm
	old	new			Number of sheets per Full-pallet based on 80x120			
Clear	-	0E010 SM	T	91%	✓	✓	✓	✓
Clear	0N001 L	0E011 L	T	91%	✓	✓	15	✓
Clear	0N002XL	0E012 XL	T	91%	✓	✓	15	12
Clear	0N003XXL	0E013 XXL	T	91%	✓	✓	✓	12

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

## 2.7 ACRYLITE® Optical



ACRYLITE® Optical mar resistant

## 2.7 ACRYLITE® Optical mar resistant




Specialty extruded acrylic



ACRYLITE® Optical mar resistant offers excellent optical clarity with abrasion and chemical resistant properties. It resists marring and scratching from everyday public contact, daily cleanings, and airborne dirt and dust.

Color	Color Number		Transmission TD65		Thickness											
					.060	.080	.098	.118	.177	.220	.236	.354	.472	.708	.944	
					1.5mm	2mm	2.5mm	3mm	4.5mm	5.6mm	6mm	9mm	12mm	18mm	24mm	
	old	new			Number of sheets per Half-Pallet based on 48x96											
Clear	011-9	0A000 MR1	T	92%	✓	✓	✓	48	✓	✓	24	✓	12	8	✓	
Clear	011-9	0A000 MR2	T	92%	✓	✓	✓	48	✓	✓	24	16	12	✓	✓	

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<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.8 ACRYLITE® Reflections



ACRYLITE® Reflections mirror  
ACRYLITE® Reflections frosted mirror  
ACRYLITE® Reflections iridescent  
ACRYLITE® Reflections smooth frosted mirror

## 2.8 ACRYLITE® Reflections mirror

Specialty mirrorized  
extruded acrylic



ACRYLITE® Reflections mirror acrylic sheet is the highest quality acrylic mirror available. With a bright reflective finish and tough protective backing, our family of mirrorized products meets or exceeds the quality, durability, and performance of any acrylic mirror on the market today.

Color	Color Number		Color Sample	Transmission TD65									
					.080	.118	.177	.220	.060	.118	.118	.118	
	2mm	3mm			4.5mm	5.6mm	1.5mm	3mm	3mm	3mm			
	Number of sheets per Full-Pallet based on 48x96				49x97		49x121	61x121					
Colorless	011-9	0A000 X1		OP	0%	130	96	60	50	180	96	60	64
Colorless	-	0A000 XM1*		OP	0%	-	✓	-	✓	-	-	-	-

Color	Color Number		Color Sample	Transmission TD65		Thickness	
						.118	.220
						3mm	5.6mm
	old	new				49x97	
Yellow	430-7	1C022 X1		OP	0%	✓	✓
Gold	455-8	1C045 X1		OP	0%	96	✓
Orange/Amber	4088-3	2C088 X1		OP	0%	✓	✓
Red	2175-1	3C034 X1		OP	0%	✓	✓
Dark Red	257 HG	3M031 X1		OP	0%	✓	✓
Pink	2162-6	3C036 X1		OP	0%	✓	✓
Purple	718-3	4C023 X1		OP	0%	✓	✓
Medium Blue	625-5	5C026 X1		OP	0%	✓	✓
Dark Blue	668-0	5C028 X1		OP	0%	✓	✓
Green	539-6	6C027 X1		OP	0%	✓	✓
Green	545-2	6C028 X1		OP	0%	✓	✓
Glass Green Edge	5110-9	6B020 X1		OP	0%	✓	✓
Bronze	126-4	7C024 X1		OP	0%	96	✓
Bronze	131-2	7C049 X1		OP	0%	✓	✓
Grey	103-2	7C025 X1		OP	0%	✓	✓
Grey	104-1	7C026 X1		OP	0%	✓	✓
Slate Grey	1224-3	7C057 X1		OP	0%	✓	✓

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<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
-	= not available

The colors shown are only meant as a guideline. Please use our samples to determine the right color.

\*0A000 XM1 mar resistant coated one side.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

## 2.8 ACRYLITE® Reflections frosted mirror

Specialty mirrorized  
extruded acrylic



ACRYLITE® Reflections frosted mirror emits a soft, reflective platinum finish with a crystal-clear edge. Its matte frosted surface is resistant to fingerprints, making it practical as well as sophisticated.

Color	Color Number		Color Sample	Transmission TD65		Thickness				
						.118	.177	.220	.236	.354
	old	new				3mm	4.5mm	5.6mm	6mm	9mm
	Number of sheets per Half-Pallet based on 49x97									
Silver	011-9	0M001 X1		OP	0%	48	28	✓	24	✓
Gold	455-8	1M045 X1		OP	0%	✓	✓	✓	✓	✓
Glass Green	51109	6M020 X1		OP	0%	✓	✓	✓	✓	✓

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<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
—	= not available




## 2.8 ACRYLITE® Reflections iridescent

Specialty extruded acrylic



ACRYLITE® Reflections iridescent creates sensational color changes and dramatic eye-catching movements, all without specialty lighting. This is a reformulated product.

Color	Color Number		Color Sample	Transmission TD65		Thickness
						.118
	old	new				3mm
						Number of sheets per Half-Pallet based on 48x96
Rainbow Dichromatic	-	0B008 RT		T	92%	48

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

## 2.8 ACRYLITE® Reflections smooth frosted mirror

Specialty POP Touch  
extruded acrylic






ACRYLITE® Reflections smooth frosted mirror is perfect for high-end store fixtures. Its smooth frosted surface provides a subtle reflection that resists fingerprints for low maintenance cleaning.

Color	Color Number	Color Sample	Transmission TD65		Thickness		
					.118	.177	.220
					3mm	4.5mm	5.6mm
					Number of sheets per Half-Pallet based on 48x96		
Silver Dust	0A000 X12		OP	0%	48	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.9 ACRYLITE® Resist



ACRYLITE® Resist

## 2.9 ACRYLITE® Resist

Specialty impact resistant  
extruded acrylic



ACRYLITE® Resist impact modified combines the beauty and clarity of acrylic with high impact performance for longer lasting, more cost-effective store fixtures and P-O-P displays. It delivers exceptional cost savings through down-gauging without sacrificing the structural integrity of your application.



Color	Color Number		Transmission TD65	Thickness											
				.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472	
	old	new		1.5mm	2mm	2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm	
	Number of sheets per Full-Pallet based on 48x96														
Clear	011-9	0RA45 GT	T	92%	180	130	120	112	96	76	60	50	48	✓	24
Clear	011-9	0RA65 GT	T	92%	180	130	120	112	96	76	60	✓	48	-	-

Color	Color Number		Transmission TD65	Thickness												
				.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472		
	old	new		1.5mm	2mm	2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm		
	Number of sheets per Full-Pallet based on 51x100															
Clear	011-9	0RA45 GT	T	92%	✓	✓	✓	✓	84	✓	56	✓	✓	✓	✓	
Clear	011-9	0RA65 GT	T	92%	160	120	✓	✓	84	✓	56	✓	45	-	-	

Color	Color Number		Transmission TD65	Thickness												
				.060	.080	.090	.098	.118	.150	.177	.220	.236	.354	.472		
	1.5mm	2mm		2.3mm	2.5mm	3mm	3.8mm	4.5mm	5.6mm	6mm	9mm	12mm				
	old	new		Number of sheets per Full-Pallet based on 51x100												
Clear	011-9	0RA45 AR	T	92%	-	✓	-	-	✓	-	-	-	-	-	-	

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

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<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 2.10 ACRYLITE® Satinice



ACRYLITE® Satinice velvet texture one-sided  
ACRYLITE® Satinice velvet texture two-sided  
ACRYLITE® Satinice crystal surface  
ACRYLITE® optimum light diffusion  
ACRYLITE® optimum light diffusion - enhanced  
information section

## 2.10 ACRYLITE® Satinice velvet texture

Specialty one-sided velvet texture cast acrylic



ACRYLITE® Satinice velvet texture offers transparent clarity when in direct contact with objects. Ideal for signs and displays, its one-sided and two-sided matte finish reduces reflected light.

Color	Color Number			Color Sample	Transmission TD65		Thickness					
							.118	.177	.220	.236	.354	.472
	3mm	4.5mm	5.6mm				6mm	9mm	12mm			
	Number of sheets per Full-Pallet based on 48x96											
Colorless	011-9 SC	0F00 SC	-		TL	92%	96	60	50	✓	32	24
Glass Green	5110-9 SC	6F20 SC	3030		TL	91%	✓	✓	✓	✓	✓	✓
Black	199-0 SC	9H01 SC	2025		OP	0%	96	60	✓	48	✓	✓
White	015-2 SC	WM30 SC	7328		TL	26%	96	✓	✓	48	✓	✓
White	020-4 SC	WM32 SC	2447		TL	55%	96	✓	✓	48	✓	✓
Blue	-	5C12 SC	3152		TL	90%	✓	✓	✓	✓	✓	✓

Color	Color Number			Color Sample	Transmission TD65		Thickness				
							.118	.177	.236	.354	.472
			3mm				4.5mm	6mm	9mm	12mm	
	old	new	industry				Number of sheets per Full-Pallet based on 80x120				
White	015-2 SC	WM30 SC	7328		TL	26%	✓	-	20	-	-
White	020-4 SC	WM32 SC	2447		TL	55%	✓	-	✓	-	-
White	-	WH02 SC	-		TL	42%	✓	-	✓	-	-
Black	199-0 SC	9H01 SC	2025		OP	0%	✓	✓	✓	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
-	= not available



## 2.10 ACRYLITE® Satinice velvet texture

Specialty two-sided  
velvet texture cast acrylic



ACRYLITE® Satinice velvet texture offers transparent clarity when in direct contact with objects. Ideal for signs and displays, its one-sided and two-sided matte finish reduces reflected light.

Color	Color Number		Color Sample	Transmission TD65		Thickness						
						.118	.157	.197	.236	.315	.394	.472
	old	new				3mm	4mm	5mm	6mm	8mm	10mm	12mm
	Number of sheets per Full-Pallet based on 80x120											
STANDARDS												
Colorless*	011-9 SC	0F00 DC		TL	92%	✓	✓	✓	20	✓	✓	✓
Glass Green	5110-9 SC	6F20 DC		TL	91%	✓	✓	✓	20	✓	✓	✓
Black	199-0 SC	9H01 DC		OP	0%	✓	✓	✓	20	✓	✓	✓

\* is available in 48x96  
.236 (6mm) at  
48 sheets per pallet

SPECIALTY COLORS												
Coconut	-	WH02 DC		TL	42%	✓	✓	✓	20	✓	✓	✓
Cloud	-	WH26 DC		TL	41%	✓	✓	✓	20	✓	✓	✓
Sunshine	-	1H17 DC		TL	41%	✓	✓	✓	20	✓	✓	✓
Mandarin	-	2H08 DC		TL	41%	✓	✓	✓	20	✓	✓	✓
Pumpkin	-	2H12 DC		TL	45%	✓	✓	✓	20	✓	✓	✓
Orange	-	2C02 DC		TL	45%	✓	✓	✓	20	✓	✓	✓
Strawberry	-	3C04 DC		TL	19%	✓	✓	✓	20	✓	✓	✓
Tomato	-	3H12 DC		TL	24%	✓	✓	✓	20	✓	✓	✓
Plum	-	4H01 DC		TL	39%	✓	✓	✓	20	✓	✓	✓
Lollipop	-	4H12 DC		TL	49%	✓	✓	✓	20	✓	✓	✓
Sky Blue	-	5C01 DC		TL	5%	✓	✓	✓	20	✓	✓	✓
Pacific	-	5H09 DC		TL	30%	✓	✓	✓	20	✓	✓	✓
Laguna	-	5H74 DC		TL	45%	✓	✓	✓	20	✓	✓	✓
Green	-	6C03 DC		TL	90%	✓	✓	✓	20	✓	✓	✓
Kiwi	-	6H07 DC		TL	47%	✓	✓	✓	20	✓	✓	✓
Grass	-	6H55 DC		TL	46%	✓	✓	✓	20	✓	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
✓	= can be manufactured minimums apply
-	= not available

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

## 2.10 ACRYLITE® Satinice crystal surface

Specialty extruded acrylic



ACRYLITE® Satinice crystal surface is continuously manufactured with an appearance of etched glass and a frosted finish that diffuses light to enhance your design options and backlit applications. Its textured surface resists fingerprints and is easy to clean.

Color	Color Number		Color Sample	Transmission TD65		Thickness			
						.118	.177	.236	.354
	old	new				3mm	4.5mm	6mm	9mm
	Number of sheets per Half-Pallet based on 49x97								
One-Sided									
Colorless	0917-8	0M001 SC		TL	92%	48	28	24	16
White	-	WM530 SC		TL	15%	✓	✓	✓	✓
Glass Green	5169-8	6M020 SC		TL	88%	48	28	24	16
Light Blue	6191-8	5M022 SC		TL	85%	✓	✓	24	✓
Two-Sided									
Colorless	0917-8	0M001 DC		TL	88%	48	28	24	16
Glass Green	5169-8	6M020 DC		TL	83%	48	✓	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

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✓	= can be manufactured minimums apply
-	= not available



## 2.10 ACRYLITE® Satinice optimum light diffusion

Specialty extruded acrylic



ACRYLITE® Satinice optimum light diffusion has a frosted appearance throughout the entire sheet straight to the edge that offers excellent light diffusion for indoor or outdoor lit displays, panels and store fixtures. Its surface hides fingerprints and scratches for enhanced service life.



Color	Color Number		Color Sample	Transmission TD65		Thickness									
						.060	.080	.098	.118	.177	.220	.236	.354	.472	
	1.5mm	2mm				2.5mm	3mm	4.5mm	5.6mm	6mm	9mm	12mm			
	Number of sheets per Half-Pallet based on 49x97														
Colorless	0918-8	0D010 DF**		TL	86%	90	68	56	48	28	24	24	16	12	
Colorless	-	0D002 DF		TL	83%	✓	✓	-	✓	-	✓	-	-	-	
White	0149-5	WD008 DF**		TL	54%	90	68	✓	48	28	✓	24	16	12	
Light Blue	6200-8	5D004 DF		TL	85%	-	-	-	✓	✓	✓	✓	✓	-	
Medium Blue	6194-5	5D005 DF		TL	51%	-	-	-	✓	✓	✓	✓	-	-	
Dark Blue	6198-0	5D006 DF		TL	8%	-	-	-	✓	✓	✓	✓	-	-	
Light Green	5170-8	6D001 DF		TL	87%	-	-	-	✓	✓	✓	✓	✓	✓	

Color	Color Number			Transmission TD65		Thickness	
						.080	
	2mm						
	Number of sheets per Full-Pallet based on 48x96						
White	-	WD500 DF	-	TL	80%	✓	

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

**Light Transmissions		
Thickness	Colors	
	WD008	0D010
1.5mm	65%	91%
2mm	64%	90%
2.5mm	62%	87%
3mm	60%	86%
4.5mm	50%	82%
5.6mm	-	80%
6mm	42%	78%
9mm	38%	68%
12mm	33%	65%

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<b>✓</b>	= can be manufactured minimums apply
<b>-</b>	= not available

## 2.10a ACRYLITE® Satinice optimum light diffusion - enhanced

Specialty extruded acrylic



The ACRYLITE® Satinice optimum light diffusion portfolio has been expanded and now offers four additional grades with higher light transmission and greater diffusion. Designed for architectural and linear LED lighting applications, these superior ACRYLITE® Satinice specialty acrylic grades are offered in various thicknesses depending on your application needs.

Color	Color Number			Color Sample	Half Angle at all thickness	Transmission TD65		Thickness		
								.060	.080	.118
	old	new	industry					1.5mm	2mm	3mm
								Number of sheets per Half-Pallet based on 48x96		
Colorless	-	WD852	-		20	TL	92%	90	✓	48
Colorless	-	WD853	-		30	TL	85%	90	✓	48
Colorless	-	WD854	-		40	TL	79%	90	✓	48
Colorless	-	WD855	-		50	TL	72%	90	✓	48

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

## 2.10 Information Section

### **ACRYLITE® Satinice velvet texture one sided**

- The light transmission is given as a typical value for 3mm thickness.
- The material conforms to ISO 7823-1 and is largely UV-absorbing; partially UV-transmitting in some grades
- The color may vary slightly from batch to batch.

#### **Batch Yield**

- Special grades are made to order. The entire batch or a multiple thereof is delivered. The delivered quantity may be more or less than order.
- Slight deviations from ordered quantity are possible.

### **ACRYLITE® Satinice velvet texture two sided**

- The light transmission is given as a typical value for 3mm thickness.
- The material conforms to ASTM D4802 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.
- The color may vary slightly from batch to batch.

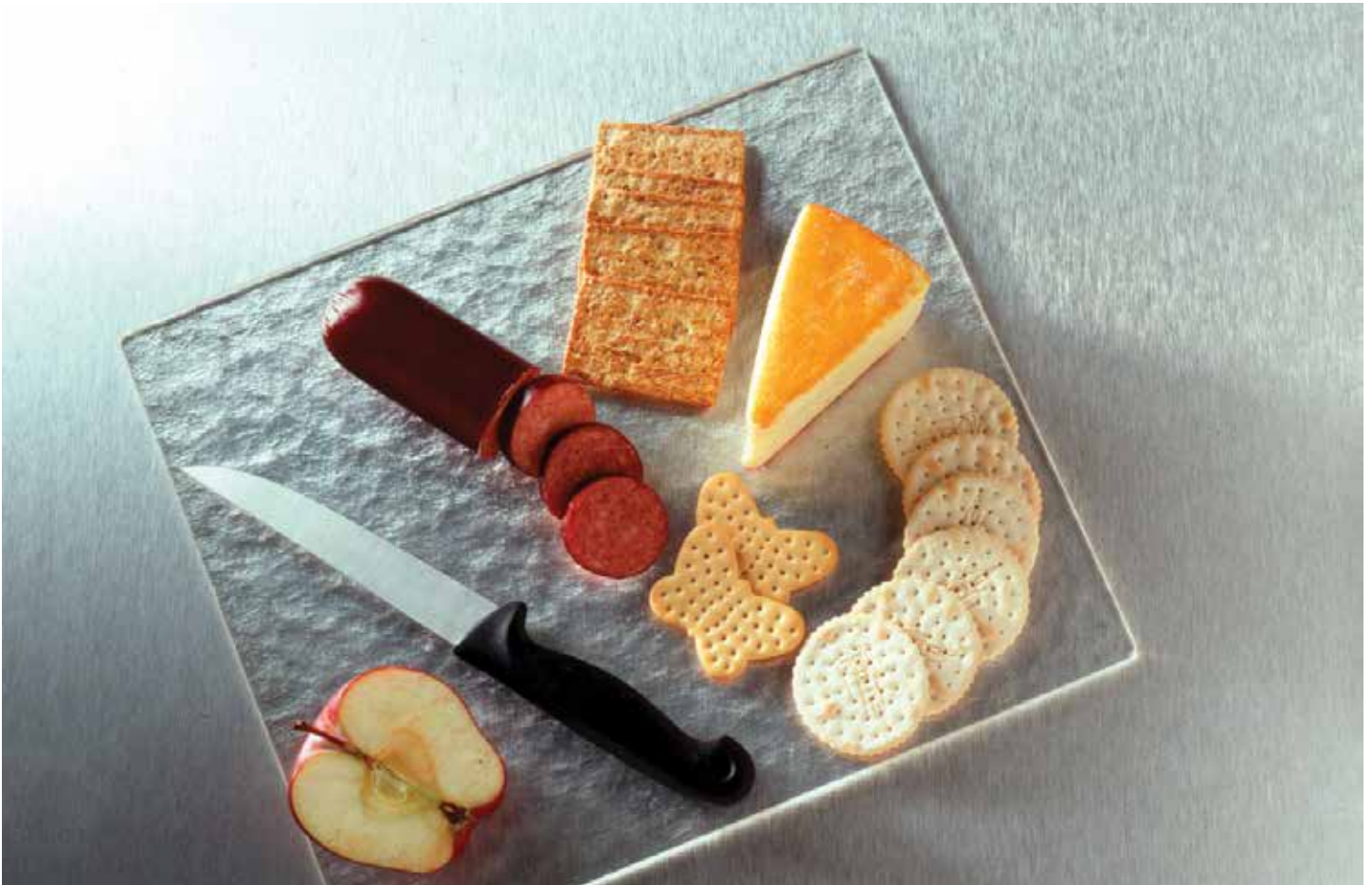
### **ACRYLITE® Satinice crystal surface**

- The light transmission is given as a typical value for 3mm thickness.
- The material conforms to ASTM D4802 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.
- The color may vary slightly from batch to batch.

### **ACRYLITE® Satinice optimum light diffusion**

- The light transmission is given as a typical value for 3mm thickness.
- The material conforms to ASTM D4802 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.
- The color may vary slightly from batch to batch.

## 2.11 ACRYLITE® Textures



ACRYLITE® Textures - FFV/FFX  
ACRYLITE® Textures - Ribbed

## 2.11 ACRYLITE® Textures - FFV/FFX



Specialty extruded acrylic



ACRYLITE® Textures acrylic sheet offers many options for all imaginable designs and applications – whether classic or trendy, understated or eye-catching.

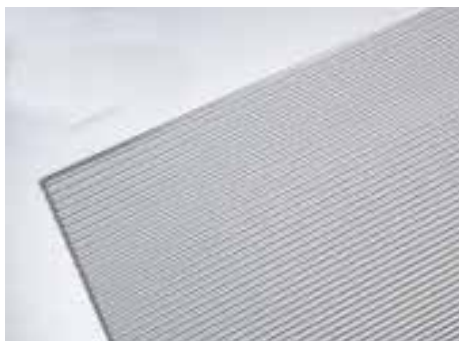
Color	Color Number			Color Sample	Transmission TD65		Thickness		
							.118	.177	.220
							3mm	4.5mm	5.6mm
	old	new	industry				Sheets per Full-Pallet based on 49x97		
Colorless FFV	011-9 FFV	0A000 FV	DP32		TL	69%	96	60	50
Colorless FFX	011-9 FFX	0A000 FX	DP30		TL	69%	96	60	50

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

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<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

## 2.11 ACRYLITE® Textures - Ribbed




Specialty extruded acrylic



ACRYLITE® Textures Ribbed is a solid sheet with a classical linear ribbed texture.

Color	Color Number	Color Sample	Transmission TD65	Thickness	
				.118	
				3mm	
				Sheets per Full-Pallet based on 64.9x80.7	
Colorless Ribbed	0A000 R		T	92%	30

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 3.1 ACRYLITE® Resist Multi-Skin



ACRYLITE® Resist high impact acrylic double-skin  
ACRYLITE® Resist high impact acrylic quad-skin







## 3.1 ACRYLITE® Resist high impact acrylic double-skin

Specialty impact resistant extruded acrylic



ACRYLITE® acrylic multi-skin sheet and other design products are German engineered and provide design elements that are lightweight, easily fabricated and extremely impact and weather resistant. Where light plays a key role in the spatial experience, ACRYLITE® products offer the most freedom in imagination and design.

Color	Color Number		Color Sample	Transmission TD65	Thickness	Rib Spacing	Standard Length	Width: 47 1/4 in (1200mm)		
	old	new								
Clear	00721	ORS72		T	84%	.315" / 8mm	.630" / 16mm	Up to 36'	30 sheets for 20', 24' & 28'	
Clear UV Transmitting	-	ORS08		T	84%	.315" / 8mm	.630" / 16mm	Up to 28'		
Light White	W1621	WRS08			TL	62%	.315" / 8mm	.630" / 16mm		✓
Clear	0RS22	ORS06		T	86%	.630" / 16mm	1.260" / 32mm	Up to 36'	50 sheets for 8', 12' & 16' 30 sheets for 20', 24', 28'	
Clear Diffused		ORS07		TL	85%	.630" / 16mm	1.260" / 32mm	Up to 28'		
Bronze	8RS22	8RS02			TL	53%	.630" / 16mm	1.260" / 32mm		Up to 24'
Light White	WRS22	WRS09			TL	74%	.630" / 16mm	1.260" / 32mm		Up to 24'
Solar Cool White	WRS23	WRS17			TL	37%	.630" / 16mm	1.260" / 32mm		Up to 24'
Enviro Cool White	WRS06	WRS18		TL	10%	.630" / 16mm	1.260" / 32mm	✓		

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

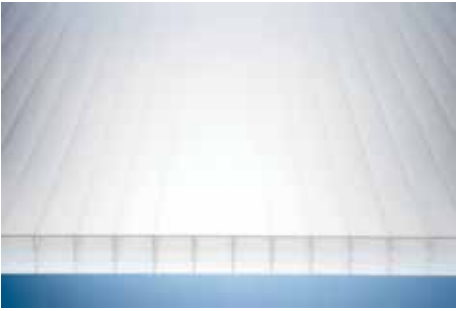
☎ Additional sheet sizes may be available--Please contact Inside Sales for more information.

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	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available



### 3.1 ACRYLITE® Resist high impact acrylic quad-skin

Specialty impact resistant extruded acrylic






32 mm ACRYLITE® Resist high impact acrylic quad-skin sheet is a highly heat-insulating and weather-resistant quadruple-skinned sheet made of impact-modified acrylic polymer. It is used in industrial and commercial buildings, sports arenas, and private applications. It is impact resistance, hail resistance and has the added benefits of quick and easy installation.

Color	Color Number		Color Sample	Transmission TD65		Thickness (mm)	Rib Spacing (mm)	Width: 48 1/4 in (1230mm)
	old	new						Length: up to 24'
Clear	0119	0RS22		T	84%	32	32	25 sheets for all length 12', 16', 20', & 24'
Light White	0631	WRS22		TL	62%	32	32	

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

☎ Additional sheet sizes may be available--Please contact Inside Sales for more information.

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 3.2 ACRYLITE® Heatstop Multi-Skin



ACRYLITE® Heatstop high impact acrylic double-skin

## 3.2 ACRYLITE® Heatstop high impact acrylic double-skin

Specialty heat reflecting extruded acrylic





### HEATSTOP Cool Blue Effect

Thanks to its special technology, the ACRYLITE® Heatstop high impact acrylic double-skin sheet effectively reduces the sun's heat radiation. The color impression may change depending on viewing angle and lighting conditions.

Color	Color Number		Color Sample	Transmission TD65	Thickness	Rib Spacing	Standard Length	Width: 47 1/4 in (1200mm)
	old	new						
HEATSTOP Cool Blue White	WZ007	WZ011		TL	28%	.315" / 8mm	.630" / 16mm	Up to 28'
HEATSTOP Cool Blue White	WZ007	WZ011		TL	28%	.630" / 16mm	1.260" / 32mm	Up to 28'
HEATSTOP Cool Blue White	-	WZ009		TL	28%	.630" / 16mm	1.260" / 32mm	-

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

### 3.3 ACRYLITE® Alltop Multi-Skin



ACRYLITE® Alltop UV absorbing acrylic double-skin  
ACRYLITE® Alltop UV transmitting acrylic double-skin  
ACRYLITE® Alltop high impact acrylic double-skin  
ACRYLITE® Alltop high impact acrylic five-skin



### 3.3 ACRYLITE® Alltop UV absorbing acrylic double-skin

Specialty impact resistant extruded acrylic



ACRYLITE® Alltop has the highest light transmission of any insulating rigid glazing available. It was designed for commercial & institutional greenhouses where an extremely high light transmission is required. ACRYLITE® Alltop's patented no drip coating is applied on every surface, including inside the flutes virtually eliminating all condensation droplets.

Color	Color Number		Transmission TD65		Thickness (mm)	Rib Spacing (mm)	Width: 47 1/4 in (1200mm)
	old	new					Length: up to 28'
UV Absorbing Clear	0121	20080	T	91%	16	64	50 sheets for: 8', 12', & 16' 30 sheets for: 20', 24' & 28'

☎ Additional sheet sizes may be available--Please contact Inside Sales for more information.

**T**

= transparent

**TL**

= translucent

**OP**

= opaque



= available from stock



= can be manufactured  
minimums apply



= not available

### 3.3 ACRYLITE® Alltop UV transmitting acrylic double-skin




Specialty impact resistant  
extruded acrylic



ACRYLITE® Alltop has the highest light transmission of any insulating rigid glazing available. It was designed for commercial & institutional greenhouses where an extremely high light transmission is required. ACRYLITE® Alltop's patented no drip coating is applied on every surface, including inside the flutes virtually eliminating all condensation droplets.

Color	Color Number		Transmission TD65		Thickness (mm)	Rib Spacing (mm)	Width: 47 1/4 in (1200mm)
	old	new					Length: up to 28'
UV Transmitting Clear	120	29080	T	91%	16	64	50 sheets for: 8', 12', & 16' 30 sheets for: 20', 24' & 28'

☎ Additional sheet sizes may be available--Please contact Inside Sales for more information.

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

### 3.3 ACRYLITE® Alltop high-impact acrylic double-skin

Specialty impact resistant  
extruded acrylic






ACRYLITE® Alltop has the highest light transmission of any insulating rigid glazing available. It was designed for commercial & institutional greenhouses where an extremely high light transmission is required.

ACRYLITE® Alltop's patented no drip coating is applied on every surface, including inside the flutes virtually eliminating all condensation droplets.

Color	Color Number		Transmission TD65	Thickness (mm)	Rib Spacing (mm)	Width: 47 1/4 in (1200mm) Length: up to 28'
	old	new				
Clear	00721	ORS15	T	89%	16	64
50 sheets for: 8', 12', & 16' 30 sheets for: 20', 24' & 28'						

☎ Additional sheet sizes may be available--Please contact Inside Sales for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

### 3.3 ACRYLITE® Alltop high-impact acrylic five-skin

Specialty impact resistant  
extruded acrylic





ACRYLITE® Alltop has the highest light transmission of any insulating rigid glazing available. It was designed for commercial & institutional greenhouses where an extremely high light transmission is required.

ACRYLITE® Alltop's patented no drip coating is applied on every surface, including inside the flutes virtually eliminating all condensation droplets.

Color	Color Number		Transmission TD65		Thickness	Rib Spacing	Length	Width: 47 1/4 in (1200mm)
	old	new						
Clear	0119	00721	T	76%	1.260" / 32mm	1.260" / 32mm	✓	50 sheets for: 8', 12', & 16' 30 sheets for: 20', 24' & 28'
Clear UVT	-	ORS02	T	76%	1.260" / 32mm	1.260" / 32mm	Up to 24'	
Light White	WA012	WRS01	TL	64%	1.260" / 32mm	1.260" / 32mm	Up to 24'	

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	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available



## 4.1 ACRYLITE® Resist high impact acrylic wave profile



ACRYLITE® Resist high impact acrylic wave profile

## 4.1 ACRYLITE® Resist high impact acrylic wave profile

Specialty impact resistant extruded acrylic



ACRYLITE® acrylic wave profile is a tough, versatile sheet designed for great style and protection.

- Distinct, stylish appearance
- Quick and easy install
- Best for overhead and vertical use
- Can be point fastened
- Special weatherseal calottes and fasteners available

Color	Color Number		Color Sample	Transmission TD65	Thickness	Width: 41 in (1045mm)	
	old	new				Length: up to 16'	
Smooth Clear	0390	0A001		T	90%	.118" (3mm)	50 sheets for 8', 12', and 16' lengths
Smooth White	0631	W1621		TL	72%	.118" (3mm)	
Sunglass Gray	0775	7RW01		TL	47%	.118" (3mm)	
Textured Clear	0311	0A001C		T	88%	.118" (3mm)	
Prismatic Clear	0366	0A001W		T	81%	.118" (3mm)	
Prismatic Bronze	0266	8A001W		T	55%	.118" (3mm)	
Heatstop Cool Blue White	-	WZ006		T	22%	.118" (3mm)	

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

## 4.2 ACRYLITE® Heatstop high impact acrylic wave profile




ACRYLITE® Heatstop high impact acrylic wave profile

## 4.2 ACRYLITE® Heatstop high impact acrylic wave profile

Specialty impact resistant extruded acrylic






ACRYLITE® Heatstop high impact acrylic wave profile has a unique integrated IR reflective compound that allows sunlight to come through while 60% of the heat-building rays are reflected away. Enjoy the natural light and the protected environment without the intense heat build-up.

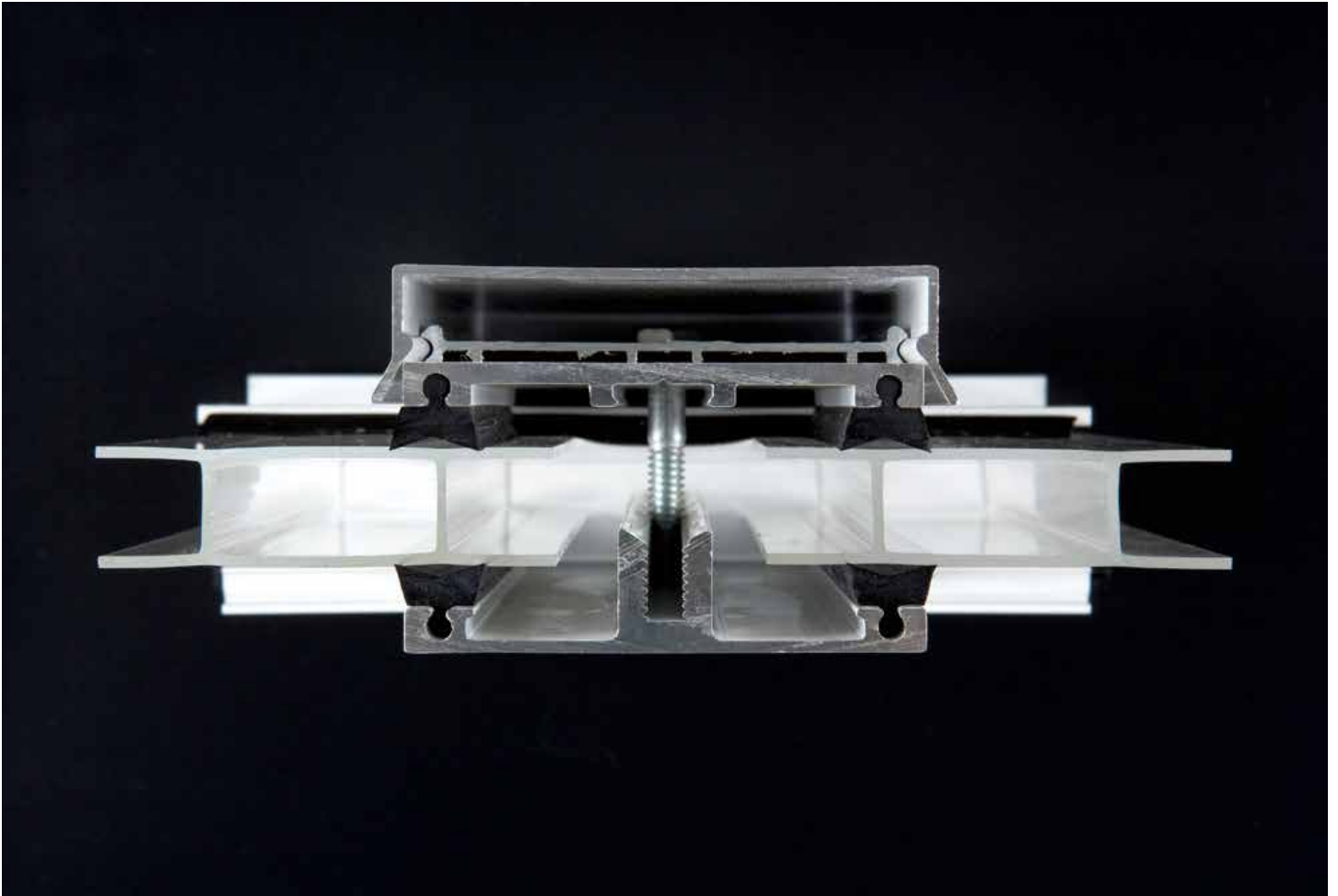
Color	Color Number		Color Sample	Transmission TD65	Thickness (mm)	Width: 41 in (1045mm)	
	old	new				Length: up to 16'	
HEATSTOP Cool Blue	75107	WZ006		TL	22%	3	50 sheets for 8', 12', and 16' lengths

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 4.3 ACRYLITE® Assembly System



ACRYLITE® AGS - Aluminum Glazing System

## 4.3 ACRYLITE® Aluminum Glazing System



Evonik offers an assembly system specifically designed for use with ACRYLITE® Multi-Skinned acrylic sheet. This gasketed system allows for the natural thermal expansion of acrylic without constriction or compromising the seal. It is also easily adaptable to your design.

## 5.1 ACRYLITE® tube



ACRYLITE® clear  
ACRYLITE® white  
ACRYLITE® Satinice



## 5.1 ACRYLITE® clear

Specialty extruded acrylic





ACRYLITE® acrylic tubes are the clearest on the market today delivering brilliant quality, superior performance, and extended durability. ACRYLITE® tubes are characterized by their flawless optics, perfectly-smooth surface free from striation. The optical clarity of ACRYLITE® tubes allow for a clear view of details making them well suited for store fixtures and point-of-purchase (P-O-P) displays.

Color	Color Number		Diameter in inches		Wall thickness in inches	Quantity delivered, units per				Weight at nom.dim. lb/ft	tolerance in inches	
	old	new	outer	inner		small pack length in feet		large pallet length in feet			outer diameter	wall thickness
						6	8	6	8			
Clear	29070	0A070	2"	1.764"	0.118"	10	10	280	280	0.360	+/- 0.024	+/-0.012
			3"	2.764"	0.118"	8	8	125	125	0.551	+/- 0.031	+/-0.014
			4"	3.764"	0.118"	6	6	70	70	0.742	+/- 0.047	+/-0.014
			6"	5.764"	0.118"	4	4	35	35	1.124	+/- 0.059	+/-0.016
			8"	7.764"	0.118"	2	2	20	20	1.506	+/- 0.079	+/-0.016
			10"	9.724"	0.138"	1	1	12	12	1.888	+/- 0.079	+/-0.018
			12"	11.65"	0.157"	1	1	6	6	3.017	+/- 0.079	+/-0.020

Length tolerance -0/+5 mm

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

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	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available



## 5.1 ACRYLITE® white

Specialty extruded acrylic






ACRYLITE® Acrylic Tubes deliver superior performance and extended durability. Dimensional accuracy and excellent circularity with the following benefits:

- Superior UV resistance and weatherability
- 30-year non-yellowing warranty
- Enhanced chemical resistance due to higher molecular weight
- 11X stronger than glass for safe, strong installations
- Half the weight of glass for maximum design flexibility

Color	Color Number			Diameter in inches		Wall thickness in inches	Quantity delivered, units per						Weight at nom.dim. lb/ft	tolerance in inches	
							small pack length in feet			large pallet length in feet				outer diameter	wall thickness
	old	new	industry	outer	inner		6	6.3	8	6	6.3	8			
White	-	WN970	7328	2"	1.764"	0.118"	10	✓	10	280	✓	280	0.360	+/- 0.024	+/-0.012
				3"	2.764"	0.118"	8	✓	8	125	✓	125	0.551	+/- 0.031	+/-0.014
				4"	3.764"	0.118"	6	✓	6	70	✓	70	0.742	+/- 0.047	+/-0.014
				6"	5.764"	0.118"	4	4	4	35	35	35	1.124	+/- 0.059	+/-0.016
				8"	7.764"	0.118"	2	2	2	20	20	20	1.506	+/- 0.079	+/-0.016
				10"	9.724"	0.138"	1	1	1	12	12	12	1.888	+/- 0.079	+/-0.018
				12"	11.65"	0.157"	1	1	1	6	6	6	3.017	+/- 0.079	+/-0.020

Length tolerance -0/+5 mm

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 5.1 ACRYLITE® Satinice

Specialty extruded acrylic






ACRYLITE® Satinice velvet texture tubes have a frosted, textured surface and excellent light diffusing properties while maintaining high light transmission. Its surface hides fingerprints and scratches. This combination makes them ideal for exterior and interior lighting applications as well as for store fixtures and P-O-P displays.

Color	Color Number		Diameter in inches		Wall thickness in inches	Quantity delivered, units per						Weight at nom.dim. lb/ft	tolerance in inches	
						small pack length in feet			large pallet length in feet				outer diameter	wall thickness
	old	new	outer	inner		6	6.3	8	6	6.3	8			
Clear	0918-8	OD010 DF	2"	1.764"	0.118"	10	✓	10	280	✓	280	0.360	+/- 0.024	+/-0.012
			3"	2.764"	0.118"	8	✓	8	125	✓	125	0.551	+/- 0.031	+/-0.014
			4"	3.764"	0.118"	6	✓	6	70	✓	70	0.742	+/- 0.047	+/-0.014
			6"	5.764"	0.118"	4	✓	4	35	✓	35	1.124	+/- 0.059	+/-0.016
			8"	7.764"	0.118"	2	✓	2	20	✓	20	1.506	+/- 0.079	+/-0.016
			10"	9.724"	0.138"	1	✓	1	12	✓	12	1.888	+/- 0.079	+/-0.018
			12"	11.65"	0.157"	1	✓	1	6	✓	6	3.017	+/- 0.079	+/-0.020
White	-	WD300 DF	8"	7.764"	0.118"	✓	2	2	✓	20	20	1.506	+/- 0.079	+/-0.016
			10"	9.724"	0.138"	✓	1	1	✓	12	12	1.888	+/- 0.079	+/-0.018
			12"	11.65"	0.157"	✓	1	1	✓	6	6	3.017	+/- 0.079	+/-0.020

Length tolerance -0/+5 mm

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

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<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 6.1 ACRYLITE® rod



ACRYLITE® clear rod  
ACRYLITE® LED light guiding rod

## 6.1 ACRYLITE® clear

Specialty extruded acrylic






ACRYLITE® acrylic rods are the clearest on the market today delivering brilliant quality, superior performance, and extended durability. ACRYLITE® rods are characterized by their flawless optics, perfectly-smooth surface free from striation. The optical clarity of ACRYLITE® rods allow for a clear view of details making them well suited for store fixtures and point-of-purchase (P-O-P) displays.

Color	Color Number		Diameter in mm	Diameter in inches	Length in mm	Number of rods per pack	Weight at kg/100m	Diameter tolerance in mm
	old	new						
Clear	29070	0A070	25	.984	2000	✓	58.414	+/- 0.3

Length tolerance up to 12-50mm- 0/+15 mm

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
	= not available

## 6.1 ACRYLITE® LED light guiding

Specialty extruded acrylic





ACRYLITE® LED light guiding edge lit rods are the only product on the market today which offers light transmission in a round rod form. Standard acrylic rods illuminate only at the beginning of the rod, while with ACRYLITE® LED light guiding edge lit rods, light travels the full length and maintains its strength of illumination. Ideal for high-powered LED's, ACRYLITE® LED light guiding edge lit rods not only help save on energy costs, they can be easily thermoformed allowing light to travel from end to end without interruption.

Color	Color Number		Lamp Spacing	Diameter in mm	Length in mm	Number of rods per pack	Weight at lb/ft	Diameter tolerance in mm
	old	new						
Clear	0N001 L	0E011 L	Up to 600mm -UTV	20	2000	10	0.25	+/- 0.3
Clear	0N001 L	0E011 L	Up to 500mm -UTV	40	2000	5	1.0	+/-0.6
Clear	0N002 XL	0E012 XL	Up to 600-1200mm -UTV	20	2000	10	0.25	+/- 0.3
Clear	0N002 XL	0E012 XL	Up to 500-1100mm -UTV	40	2000	5	1.0	+/-0.6
Clear	0N003 XXL	0E013 XXL	1200 - 2000 mm	20	2000	10	0.25	+/- 0.3
Clear	0N003 XXL	0E013 XXL	1200 - 2000 mm	40	2000	5	1.0	+/-0.6

Length tolerance up to 20-40mm- 0/+15 mm

☎ Additional sheet sizes may be available--Please contact Evonik Sales Team for more information.

<b>T</b>	= transparent
<b>TL</b>	= translucent
<b>OP</b>	= opaque
	= available from stock
	= can be manufactured minimums apply
<b>-</b>	= not available

## 7.1 ACRYLITE® Service Products



Solvent-based adhesives  
Reactive adhesives  
Additives  
Cleaning, care and polishing agents

## 7.1 Solvent-based adhesives

Product	Packaging	
	unit	type
ACRIFIX® 1S 0116 Pure-V Solution adhesive (viscous) for ACRYLITE® FF & GP free from dichloromethane	4 ounce	aluminum tube
	33 ounce	aluminum bottle
ACRIFIX® 1S 0117 Pure Solvent-based adhesive (liquid) for ACRYLITE® FF, free from dichloromethane	4 ounce	poly container
	32 ounce	poly container
	gallon	poly container
ACRIFIX® 1S 0107 Quick Set Solvent-based adhesive (liquid) for ACRYLITE® FF, contains dichloromethane	4 ounce	poly container
	32 ounce	poly container
	gallon	poly container

## 7.1 Reactive Adhesives

Product	Packaging	
	unit	type
ACRIFIX® 2R 0190 Versatile 2-component reactive adhesive for ACRYLITE® FF & GP, cures upon addition of Catalyst CA 0020	4 ounce & 0.25 ounce catalyst	poly container
	16 ounce & 1 ounce catalyst	poly container
	gallon & 7 ounce catalyst	poly container
ACRIFIX® 2R 0195 Satin 2-component reactive adhesive for ACRYLITE® SC / DC matte finish products, cures upon addition of Catalyst CA 0020	4 ounce & 0.25 ounce catalyst	poly container
	16 ounce & 1 ounce catalyst	poly container



## 7.1 Additives

Product	Packaging	
	unit	type
ACRIFIX® CA 0020  Hardener for ACRIFIX™ 2R 0190, 2R 0195, and 2R 1074	0.25 ounce - 4 ounce reactive cement	poly container
	1 ounce - 16 ounce reactive cement	poly container
	7 ounce - gallon reactive cement	poly container
ACRIFIX® MO 2080  slows down the polymerization reaction of our reactive cements	1 ounce dropper bottle	glass bottle
	2 ounce dropper bottle	glass bottle
ACRIFIX® TC 0030 Thinner and Cleaner  adjusts viscosity of the cement for faster flow, also prepares the area to be bonded	4 ounce	poly container
	16 ounce	poly container

## 7.1 Cleaning, care & polishing agents



Product	Packaging	
	unit	type
<b>ACRIFIX® AC 1010 Anti-static Cleaner</b>  Formulated to clean and eliminate static charge from sensitive surfaces	4 ounce	plastic spritz bottle
	2 ounce	plastic spritz bottle ( 20 per box)
	16 ounce	plastic spritz bottle
	1 gallon	plastic bottle
	5 gallon	plastic jerrycan w/ spout

## 7.1 Product Cross Reference

### Selection Guide

Types	ACRIFIX®	Set up time	Further handling	Bonding Strength+	Pot Life (min)	Shelf Life	Bond to other substrate	Availability
Solvent Based								
Water thin	1S 0107	5-30 Sec	>3 hours	33 MPa	-	2 years	Thermoplastics (not crosslinked)	In stock
*Water thin, non-CH2Cl2	1S 0117	30-90 Sec	>3 hours	45 MPa	-	2 years		In stock
*Viscous non-CH2Cl2	1S 0116	30-90 Sec	>3 hours	37 MPa	-	2 years		In stock
Reactive								
Standard	2R 0190	60 min	3-6 hours	50 MPa	25	2 years	ABS, CAB, PS, PVC, SMS, UP and wood	In stock
*Satin finish	2R 0195	60 min	3-4 hours	42 MPa	20	2 years		In stock
*UV cured	1R 0192	10 min++	3-6 hours	50 MPa	30	2 years		In stock
Auxiliary								
Catalyst	CA 0020	-	-	-	-	9 mo	-	In stock
Thinner	TC 0030	-	-	-	-	2 years	-	In stock
Modifier	MO 2080	-	-	-	-	2 years	-	In stock
Anti-Static Cleaner	AC 1010	-	-	-	-	-	-	In stock

\*ACRIFIX unique products

+Data based on ACRYLITE® extruded sheets annealed

++UV curing time depending on light sources

### Product Portfolio

Type of cement	ACRIFIX®	Competitors
Solvent - Water thin - Non CH <sub>2</sub> Cl <sub>2</sub> , water thin - Viscous non CH <sub>2</sub> Cl <sub>2</sub>	1S 0107 1S 0117 1S 0116	Weld-on 3, 4, Caseway SC125, 100, 94 * (many try to create their own formulations to get this type performance) Weld-on 16*
Reactive - Standard - Museum Cases - Satin finish - UV cured	2R 0190 2R 0195 1R 0192	Weld-on 40, Caseway PS-30 * *
Auxiliary - Catalyst - Thinner / Cleaner - Modifier - Anti-static Cleaner	CA 0020 TC 0030 MO 2080 AC 1010	Weld-on, Caseway * * Brilliance

\* Unique product, not available in the market

## 8.1 ACRYLITE® Online Exclusive

Small volumes of the following products are available exclusively on the ACRYLITE® Online Shop

**Please visit us online at <http://www.acrylite-shop.com> !**

ACRYLITE® Optical anti-reflective

ACRYLITE® Textures - Honeycomb, Pyramid, Bark (While Supplies Last)

For 2 pallets or more or made to order inquiries, please e-mail inside Sales at [csas@evonik.com](mailto:csas@evonik.com)

## 9.0 Evonik Capabilities

What custom acrylic sheet solution can Evonik Cyro help you with? Let your imagination help define your next custom acrylic sheet solution! Contact Jeff Zgorski (475-355-5913) or Brian Fraser (207-490-4334 )

### Co-Extrusion

- A co-extruded version of ACRYLITE® Satinice velvet texture – a P95 finish on extruded sheet
  - o MTO – Between 10,000 – 25,000 lbs minimum depending on color
  - o Custom sheet sizes up to 49" width = Better final part yields
  - o Shorter lead times compared to traditional cell cast sheet
  - o Current product possibilities : Colorless 0M009 SC, 0M009 DC, White WM808 SC

### Film Lamination

- In Line Film lamination
  - o Evonik Cyro or Customer supplies film
  - o MTO – 2 skid minimum

### Custom Color Matching

- Color match fee of \$2500, which can be applied to first order
- Extruded – Between 10,000 – 25,000 lbs minimum required, depending on color
  - o New Metallics... Bronze 8T001, Silver 7T001
- Cell Cast – 2 skid minimum

### Prototyping

- Edge Finishing
- Routing
- Off-line Cutting
- Laser Cutting

### Multi-layer Products

- Innovative technology results in low minimums – in some cases as low as 1 sheet
- Combine multiple acrylic sheets to form one uniform product of any thickness
- Examples:
  - o Red / colorless / white
  - o Other multiple color combinations possible

### Multi-Functional Coatings

- Mar Resistant coated Acrylic sheet
  - o Standard acrylic sheet
  - o ACRYLITE® Hi-Gloss
  - o ACRYLITE® Satinice
- Thin-Gauge ACRYLITE® Optical HC sheet (MR1) in 2m x 3m format

### Other Developmental Ideas

- ACRYLITE® Resist 65 FFX – impact modified textured sheet
- Sustainable ACRYLITE® sheet with recycled content

*All new developmental products are made to order (MTO). Minimums may vary based on final product configuration*