

# MIRROR

FABBACK®



Mirrorizing is done by the process of vacuum metallizing with aluminum being the primary metal evaporated.

Mirrored acrylic sheet is made with continuously processed acrylic sheet. Fabback® mirror sheet features the industry's toughest protective back-coating. The durability of this sheet makes it virtually scratch-resistant during fabrication. makes it virtually scratch resistant during fabrication. Mirrored acrylic is available in a range of colors including: blue, purple, gray, orange, gold, red, bronze, green, pink, teal, yellow, and amber.

PETG mirror offers versatile fabrication properties with good impact strength, good design flexibility, and speed of fabrication.

Polycarbonate mirror offers better strength, security, and flame resistance. It is available in a variety of grades including See-Thru (two-way), Two-Sided, and Scratch-Resistant Coated.

## KEY CHARACTERISTICS:

- Offers good design flexibility
- Easy installation and assembly
- Lighter than glass
- Easy to fabricate
- Many colors and textures available
- Available in a variety of grades including: See-Thru, Two-Sided, and Scratch-Resistant Coated

## APPLICATIONS:

- Point of purchase displays
- Signs
- Product displays
- Theatrical props
- Public restroom mirrors
- Monitoring and surveillance
- Toys
- Cosmetic uses
- Office supplies

PLASKOLITE, INC.

## MIRROR TYPICAL PROPERTIES:

	UNITS	ASTM TEST	ACRYLIC MIRROR	POLYCARBONATE MIRROR	PETG MIRROR
Tensile strength	psi	D-638	11,030	9,000	6,990
Flexural modulus	psi	D-790	490,000	345,000	309,000
Izod impact (notched)	ft-lbs/in of notch	D-256	0.4	12.0-16.0	-
Heat deflection temperature @264 psi	°F	D-648	203	270	145
Maximum continuous service temperature in air	°F		170	-	-
Water absorption (immersion 24 hours)	%	D-570	0.40	0.15	-
Coefficient of linear thermal expansion	in/in/°Fx10 <sup>-5</sup>	D-696	3.0	3.8	3.0

Standard Sizes: **ACRYLIC MIRROR:** 48"x96" (0.060"-0.236" thick) Color availability: blue, purple, gray, orange, gold, red, bronze, green, pink, teal, yellow, amber. **POLYCARBONATE MIRROR:** 48"x96" (0.118" and 0.236" thick) Color availability: bronze, gray **PETG MIRROR:** 48"x96" (0.030"-0.118" thick)

Length, width, thickness, and diameter tolerances vary by size and by manufacturer • Custom sizes and colors available upon request • Many of our materials are available as films with thicknesses of 0.029" or less. Values and colors may vary according to brand name. Please ask your Curbell Plastics representative for more specific information about an individual brand.

Curbell Plastics has been supplying plastic sheet, rod, tube, films, adhesives, sealants, and prototyping materials for over 65 years



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