

# FABBACK ACRYLIC MIRROR SHEET

## MIRRORED ACRYLIC SHEET

FABBACK acrylic mirror has a wide range of thicknesses, sizes, and patterns. Available in over twenty (20) colors including clear and two textures for special design needs. FABBACK acrylic mirror utilizes the industry’s toughest protective back-coating to safeguard the sheet during fabrication. The mirrored surface is obtained through a vacuum metalizing process with aluminum, which provides a superior reflecting surface.

FABBACK acrylic mirror is ideally suited for a variety of applications using standard plastic fabrication processes and techniques.

- » Economical
- » Does not shatter into sharp-edged pieces like glass
- » Abrasion-resistant coating available
- » Marine grade options

## APPLICATIONS INCLUDE:

POP Displays, security mirrors, artword, home furnishing, novelty, license plates

TYPICAL PROPERTIES*			
Property	Test Method	Units	Values
<b>PHYSICAL</b>			
Specific Gravity/ Density	ASTM D792		1.19
Water Absorption	ASTM D570		%
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	psi	11,030**
Tensile Modulus of Elasticity	ASTM D638	ps	490,000**
Flexural Strength	ASTM D790	ps	17,000**
Izod Impact Strength - Notched	ASTM D256	ft-lb/in Notch	0.4**
Rockwell Hardness	ASTM D785		M-95**
<b>THERMAL</b>			
Maximum Recommended Continuous Service Temperature		°F	160
Deflection Temperature @ 264 psi (1.8 MPa)	ASTM D648	°F	203**
Deflection Temperature @ 66 psi (0.45 MPa)	ASTM D648	°F	207**
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.0x10-5**
Flammability (Burning Rate)	ASTM D635 i	n/minute	1.0**
Smoke Density Rating	ASTM D2843	%	3.4**
Self-Ignition Temperature	ASTM D1929	°F	833**

\* Typical Properties are not intended for specification purposes

\*\* Applicable to the acrylic substrate

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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