



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, artwork, home furnishing, novelty, license plates

TYPICAL METRIC PROPERTIES*

PROPERTY	TEST METHOD	UNITS	VALUES
PHYSICAL			
Density	ISO1183	g/cm ³	1.19
Water Absorption	ISO 62 (a)	%	0.4
MECHANICAL			
Tensile Strength	ISO 527-2	MPa	76**
Tensile Modulus of Elasticity	ISO 527-2	MPa	3300**
Flexural Strength	ISO 178	MPa	106**
Izod Impact Strength - Notched	ISO 180/1A	kJ/m ²	1.5**
Rockwell Hardness	ASTM D785		M-95**
THERMAL			
Maximum Recommended Continuous Service Temperature		°C	71
Deflection Temperature @ 1.8 MPa	ISO 75-1	°C	95**
Deflection Temperature @ 0.46 MPa	ASTM D648	°C	97**
Coefficient of Thermal Expansion	ASTM D696	cm/cm/°C	5.4x10 ⁻⁵ **
Flammability (Burning Rate)	ASTM D635	cm/min	2.54**
Smoke Density Rating	ASTM D2843	%	3.4**
Self-Ignition Temperature	ASTM D1929	°C	445**

* 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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