

SOLYX® Glass Finishes

SX-9100 Chicago



Product Details

SOLYX® SX-9100 Chicago is a durable, clear, polyester film with a random pattern of variously sized frosted rectangles that runs down the length of the roll. It is recommended for application to interior glass, single- or double-pane, and exterior-facing glass. This film is also suitable for wet environments. It is supplied with a silicone coated liner which protects the clear, pressure-sensitive adhesive and is ideal for decorative or architectural applications.

Flammability Rating

This product meets ASTM E84 and is classified as Class A as defined in NFPA 101, Life Safety Code®.

LEED Credit EQ 4.1 Low Emitting Materials, Adhesives & Sealants

This product has zero VOC content according to 40 CFR 59, Subpart D (EPA method 24).

Features

Dimensional Stability: Good

Temperature Ranges: Minimum application temperature is +40°F. Service temperature range is -40°F to +250°F.

Adhesion: To stainless steel – 40oz. / in. PSTC-1 with 24-hr dwell at 70°F and 50% relative humidity. Typical values. Individual values may vary.

Water Resistance: Has limited immersion resistance. Test specific application.

Humidity Resistance: Good

Storage Stability: 2-yr shelf life when stored at 70°F and 50% relative humidity.

Installation and Warranty

Installation

Installation should be in accordance with the manufacturer's installation instructions. It is applied using the same tools and techniques used for window tinting films.

Warranty

This **SOLYX®** product will be free from defects in material and manufacture for a period of five (5) years from the date of installation. See warranty information for specific details.

Product Distribution and Contact Information

Distribution

SOLYX® Decorative Films are available through authorized Installing Dealers, Distributors or directly from Decorative Films, LLC. Samples submitted upon request.

Contact Information

Decorative Films, LLC
1-888-657-5224
www.decorativefilm.com

Product Description

SOLYX® SX-9100 Chicago is a clear polyester film with a random pattern of variously sized frosted rectangles. This film is ideal for semi-obscuring visibility while allowing excellent light transmission.

Specifications

Product Code	SX-9100	
Product Family	Geometric	
Film Type	Polyester	
Adhesive Type	Pressure-Sensitive	
Usage	Interior	
Available Width(s)	60" (1524mm)	
Full Roll Length	100 linear feet	
Thickness	2 mil	
Visible Light Transmission	56%	ASTM D 1003
UV Transmission	50%	
Infra-Red Transmission	58%	
Tensile strength	MD: 18 Kg/mm ² TD: 23 Kg/mm ²	ASTM D 882
Elongation	MD: 140 %	ASTM D 882
At Break	TD: 105 %	
Friction	0.25 uk	ASTM D 1894
Coefficient	0.41 us	ASTM D 1894
Surface roughness	0.220 um	
Haze	60%	ASTM D 1003
Gloss	37%	ASTM D 523
Heat Shrinkage	MD: 2.9 % 150 Degree C – 30min TD: 0.3 %	

Product Construction

Face Film

2 mil Polyester

Adhesive

0.8 to 1.0 mil, Acrylic, Clear, Pressure-Sensitive

Release Liner

2 mil Polypropylene, Silicone Coated (Thickness Variation +/- 10%)