

SOLYX® Glass Finishes SX-9100 Chicago



SOLYX: SX-9100
Chicago

Product Details

SOLYX® SX-9100 Chicago film is recommended for application to interior, single or double pane, and exterior facing glass. This film can also be installed on exterior applications and is suitable for wet environments. Made of durable Polyester with a printed pattern. This film has a total nominal thickness of 2 mil (50 micron). Perfect for semi-privacy, decorative or architectural applications. Supplied with a silicone liner, which protects the clear, pressure-sensitive adhesive, and applied using the same tools and techniques for window films.

Features

Typical Characteristics

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.

Exterior Durability: Has very good resistance to discoloration caused by UV light.

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 manufacturer's installation instructions.

Warranty

This SOLYX® product will be free from defects in material and manufacture for a period of ten (10) years from the date of installation. See warranty information for specific details

Product Distribution and Contact Information

Distribution

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

Contact Information

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

Product Description

SOLYX® SX-9100 Chicago is a clear polyester film with a printed random pattern. Ideal for semi-obscuring direct visibility and excellent light transmission.

Specifications

Product Code	SX-9100	
Product Family	Architectural	
Film Type	Polyester	
Adhesive Type	Pressure-sensitive	
Usage	Interior or Exterior	
Available Width(s)	60" (1524mm)	
Full Roll Length	100 linear feet	
Thickness	2 mil	
Visible Light Transmission	80%	ASTM D 1003
UV Transmission	1%	
Infra-Red Transmission	47%	
Tensile strength	MD: 18 Kg/mm ²	ASTM D 882
	TD: 23 Kg/mm ²	
Elongation	MD: 140 %	ASTM D 882
	TD: 105 %	
Friction	0.25 uk	ASTM D 1894
	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, Clear, 200-4990 Permanent Acrylic, Pressure-sensitive

Release Liner

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