

## 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.

### 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 <sup>2</sup> TD: 23 Kg/mm <sup>2</sup>	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 % TD: 0.3 %	150 Degree C – 30min

### 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%)

### 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