

## SOLYX® Glass Finishes

### SX-5031 Matte Linen

SOLYX: SX-5031  
Matte Linen



#### Product Details

SOLYX® SX-5031 **Matte Linen** film is recommended for application to interior, single or double pane, and exterior facing glass. This film can also be installed on exterior applications. Made of durable Polyester with a matte surface and printed linen 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® SX5031 **Matte Linen** is frosted polyester that gives a transparent/translucent effect with a printed linen pattern. Ideal for obscuring direct visibility and excellent light transmission.

#### Specifications

|                            |                           |                      |
|----------------------------|---------------------------|----------------------|
| Product Code               | SX-5031                   |                      |
| Product Family             | Architectural/Natural     |                      |
| 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> | ASTM D 882           |
|                            | TD: 23 Kg/mm <sup>2</sup> |                      |
| Elongation                 | MD: 140 %                 | ASTM D 882           |
|                            | 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, 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