SOLYX® Glass Finishes
SX-3140 Dusted Crystal

Product Description
SOLYX® SX-3140 Dusted Crystal Film is a durable, dimensionally stable, translucent vinyl film. The etched look surface gives the uniform appearance of etched glass.

Specifications
- **Product Code**: SX-3140
- **Product Family**: Simple Frosted
- **Film Type**: Vinyl
- **Adhesive Type**: Pressure-sensitive
- **Usage**: Interior or Exterior
- **Available Width(s)**: 24”, 36”, 48”, 60”
- **Full Roll Length**: 100 linear feet
- **Thickness**: 2 mil
- **Shading Coefficient**: .93%
- **Visible Light Reflectance**: 79%
- **Visible Light Transmission**: 85%
- **UV Transmission**: 17%
- **Solar Heat Reflectance**: 7%
- **Solar Heat Transmission**: 76%
- **Solar Heat Absorbance**: 17%

Product Details
SOLYX® SX-3140 Dusted Crystal Decorative Privacy Glass Films are recommended for application to interior glass, exterior glass and all acrylic and polycarbonate sheeting. This film is a premium, 2 mil (50 micron) cast vinyl with an etched surface. It is perfect for privacy, decorative or architectural applications. The release liner is a plottable 4 mil synthetic liner.

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

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 nine (9) 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
1-888-657-5224
www.decorativefilm.com
## PERFORMANCE & PHYSICAL DATA

<table>
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<tr>
<th>PROPERTY</th>
<th>TEST METHODS</th>
<th>TYPICAL VALUE</th>
</tr>
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<tbody>
<tr>
<td>SURFACE FINISH</td>
<td>Gloss Meter 60° Reflection</td>
<td>4 - 20</td>
</tr>
<tr>
<td>THICKNESS</td>
<td>Micrometer, Federal Bench Type</td>
<td>2-mil (50 micron)</td>
</tr>
<tr>
<td>TENSILE STRENGTH</td>
<td>Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction</td>
<td>≥ 4.5 lb/in width ≥ 0.8 kg/cm width</td>
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<tr>
<td>ELONGATION</td>
<td>Instron Tensile Tester as above</td>
<td>≥ 150%</td>
</tr>
<tr>
<td>SHELF LIFE</td>
<td>Free from excessive moisture, temperature, direct sunlight</td>
<td>3 Years from factory shipment</td>
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<tr>
<td>APPLICATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEMPERATURE RANGE</td>
<td>On clean, dry substrate</td>
<td>40°F to 90°F optimum 10°C to 30°C</td>
</tr>
<tr>
<td>HUMIDITY RESISTANCE</td>
<td>Applied to etched aluminum panels 24 hours prior to testing. 100% relative humidity 100° (38°) for 500 hours</td>
<td>No appreciable effect</td>
</tr>
<tr>
<td>DIMENSIONAL STABILITY</td>
<td>158°F (70°C), 48 hours</td>
<td>0.010 – 0.020 in 0.25 – 0.50 mm</td>
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<tr>
<td>PEEL ADHESION</td>
<td>PSTC-1, 15 min</td>
<td>60 oz/in .65 kg/cm</td>
</tr>
<tr>
<td>LINER RELEASE</td>
<td>TLMI, 300 in/min (127 cm/min)</td>
<td>150 g/2 in 30 g/cm</td>
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<td>2 in (51 mm) wide sample</td>
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## PHYSICAL PROPERTIES

Outdoor Durability
9 years when properly processed and applied (Vertical exposure, unprinted film).

Minimum Surface/Ambient Air Application Temperature
40°F. (38° C)

Service Temperature Range
-40°F to +225°F. (-40° C. to +107° C.) - Reasonable range of temperatures, which would be expected under normal environmental time and temperature conditions.

Typical Film Caliper (w/adhesive)
.0025 to .0035 inches

Chemical Resistance
Resists mild acids, alkalis, and salts.

Water Resistance
Excellent resistance to water.

NOTE: Always pretest your specific substrates prior to actual application.

Shelf Life
3 years when stored in a clean, dry area, out of the direct sunlight, and at less than 100°F. (38° C)