



# Product Bulletin

Surface Applied Window Film

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## Description

Imaging Sciences decorative architectural window film is a printed 2.0 mil (51 µm) clear polyester featuring a printable permanent adhesive system designed for optical clarity and adhesion to glass. The product is ideal for applications such as decorative and one way vision window graphics.

## Construction

<b>Face Film</b>	2.0 mil (50 µm) clear, printed polyester
<b>Adhesive</b>	Permanent acrylic pressure-sensitive
<b>Release Liner</b>	5 mil PET

## Physical Properties

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification).

<b>Print Method</b>	Screen printed or digitally printed, depending on image type and product application.
<b>Outdoor Durability</b>	2 years, when properly processed and applied (vertical exposure)
<b>Minimum Surface/Ambient Air Application Temperature</b>	40° F (4° C)
<b>Application Surface</b>	Flat and simple curves
<b>Service Temperature Range</b>	-40° F to 300° F (-40° C to 149° C) (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions)
<b>Typical Film Caliper (w/adhesive)</b>	3.0 mils (76 µm)
<b>Chemical Resistance</b>	Resistant to most mild acids, alkalies and salt solutions
<b>Shelf Life</b>	One year when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.
<b>Dimensional Stability</b>	Excellent. Determined by measuring shrinkage of film applied to 36 in. <sup>2</sup> (232 cm <sup>2</sup> ) aluminum test panel after 72 hrs. aging at 73° F (23° C) 50±5% R. H. followed by 48 hrs. at 150° F (65° C)



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## Installation

Imaging Sciences recommends that the installation of our decorative architectural window film is done by a professional window film installer. Imaging Sciences has published a decorative window film installation instructional bulletin that can be used as a guideline for installation.