

## SOLYX UltraSafe®

### UltraSafe-860 8 Mil Clear Safety Film



#### Product Description

SOLYX® UltraSafe-860 8 Mil Clear Safety Film is a premium grade safety and security polyester film with a scratch-resistant coating and pressure sensitive adhesive.

#### Specifications

Product Code	UltraSafe-860
Product Family	Specialized Function
Film Type	Polyester
Adhesive Type	Pressure-Sensitive
Usage	Interior
Available Width(s)	60"
Full Roll Length	100 linear feet (30.5m)
Thickness	2 ply / 8 mil
Reflectance	10%
Visible Light Transmission	87%
UV Transmission	<1%
Total Solar Reflectance	8%
Total Solar Absorbance	15%
Tensile Strength psi	32,500
Yield Strength psi	12,000
Break Strength lbs/inch TD/MD	269
Longitude Elongation at Break	>100%
Peel Strength g/inch	2750
Puncture Resistant Load lbs	173

#### Product Construction

##### Face Film

8 mil Polyester

##### Adhesive

Clear, Pressure-Sensitive

##### Release Liner

Silicone Coated

#### Product Details

SOLYX® UltraSafe-860 8 Mil Clear Safety Film combines one layer of 4 mil polyester together with another layer of 4 mil polyester giving it a very strong form of protection for glass in case of impact or vandalism. Part of its strength is not only its thickness, but its extremely aggressive adhesive that molecularly bonds the film with the glass. Included in the construction is an interior layer of ultraviolet screening that allows for 99% rejection of damaging UV rays, and on the outer surface is one of the strongest scratch-resistant coatings in our industry. The combination of our film with the anchoring system of the Dow Corning 995 makes for a formidable system of protection.

#### Flammability Rating

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

#### LEED Credit EQ 4.1 Low Emitting Materials, Adhesives & Sealants

This product has zero VOC content according to 40 CFR 59, Subpart D (EPA method 24).

#### Code Compliance Test Data

Successfully passes:

ANSI Z 97.1 - CLASS A, B, C

Air Infiltration Test, per FBC, TAS 202-94

Uniform Static Air Pressure Test, Loading per: FBC, TAS 202-94 Water

Resistance Test, per FBC, TAS 202-94

Small Missile Impact Test per FBC, TAS 201-94 Cyclic Wind Pressure

Loading per FBC, ASTM E 1886

Successfully passes all weathering tests:

ASTM D1929-10, ASTM D2843-10, ASTM D635-10, ASTM G155-04a, ASTM D638-10

#### Installation and Warranty

##### Installation

Installation should be in accordance with the manufacturer's installation instructions. It is applied using the same tools and techniques used for installing window tinting films.

##### 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 manufactured by Decorative Films LLC and are available through authorized Installing Dealers, Distributors, or directly from Decorative Films, LLC.

Samples submitted upon request.

##### Contact Information

Decorative Films, LLC

1-888-657-5224

[www.decorativefilm.com](http://www.decorativefilm.com)