

UltraSafe Series

UltraSafe-4 mil clear

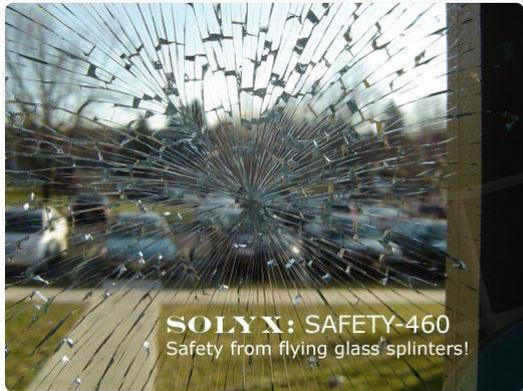


Image is only representative

UltraSafe 4Mil Our innovative 4Mil safety film is a very special type of polyester that combines 2 mil of polyester together with another layer of 2 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 it's extremely aggressive adhesive that molecularly bonds the film with the glass. Included in the construction is an interior layer of ultra violet screening that allows for 99% rejection of damaging ultra violet 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.

Product Description

UltraSafe 4Mil is a premium grade safety and security polyester film with a scratch resistant coating and pressure sensitive adhesive.

Specifications

Product Code	UltraSafe 4
Product Family	UltraBlock
Film Type	Polyester
Adhesive Type	Pressure-sensitive
Usage	Interior
Available Width(s)	60", 72"
Full Roll Length	100 linear feet (30.5m)
Thickness	2 ply / 4 mil

SOLAR PROPERTIES:

Reflectance	10%
Visible Light Transmission	83%
UV Rejection	99%
Total Solar Reflectance	8%
Total Solar Absorbance	15%

PHYSICAL PROPERTIES

Tensile Strength psi	32,500
Yield Strength psi	12,000
Break Strength lbs/inch TD/MD	182/217
Longitude Elongation at Break	>100%
Peel Strength g/inch	2750
Puncture Resistant Load lbs	9320

Product Construction

Face Film	Adhesive	Release Liner
4 mil polyester	Clear, Pressure-sensitive	Silicone

Product Details

Installation and Warranty

Installation

Installation should be in accordance with manufacturer's installation instructions.

Warranty

This UltraSafe® 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

Flammability Rating for UltraSafe Polyester films with adhesive:

When applied to surfaces- glass or plastic sheet:

Horizontal Burn (Flame Spread) ASTM D-635 inch < 1.0

UL 94 Rating UL 94 UL Classification V-O

Class A 0 -25 Flame Spread Index 0 -450 Smoke Developed Index

CODE COMPLIANCE TEST DATA

NOA 13-0408.01

Successfully passes:

CPSC 16 CFR 1201 building code.

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

Product Distribution and Contact Information

UltraSafe ® 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