

UltraSafe Series



Image is only representative

Product Description

UltraSafe 8 Mil is a premium grade safety and security polyester film with a scratch resistant coating and pressure sensitive adhesive.

Specifications

Product Code Product Family UltraBlock Film Type Polyester Adhesive Type Usage Interior Available Width(s) Full Roll Length Thickness 2 ply / 8 mil SOLAR PROPERTIES: Reflectance Visible Light Transmission UV Rejection 99% Total Solar Reflectance Total Solar Absorbance PHYSICAL PROPERTIES Tensile Strength psi Yield Strength psi 12,000 Break Strength Ibs/inch TD/MD Puncture Resistant Load Ibs 9320	Specifications	
Film Type Adhesive Type Pressure-sensitive Usage Interior Available Width(s) Full Roll Length Thickness 2 ply / 8 mil SOLAR PROPERTIES: Reflectance Visible Light Transmission UV Rejection 99% Total Solar Reflectance Total Solar Absorbance PHYSICAL PROPERTIES Tensile Strength psi Yield Strength psi 12,000 Break Strength lbs/inch TD/MD 182/217 Longitude Elongation at Break Peel Strength g/inch 2000 Pressure-sensitive Pressure-sensitive 100% 80" Feel Strength Poil 100 182/217 Longitude Elongation at Break Pressure-sensitive Polyester 100% Pressure-sensitive Polyester 100% Pamil 100% Peel Strength Polyester 100% Pressure-sensitive Polyester 100% Pressure-sensitive Polyester 100% Pressure-sensitive Pressure-sensitive Pressure-sensitive Pressure-sensitive Polyester Pressure-sensitive	Product Code	UltraSafe 8
Adhesive Type Pressure-sensitive Usage Interior Available Width(s) 60" Full Roll Length 100 linear feet (30.5m) Thickness 2 ply / 8 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	Product Family	UltraBlock
Usage Interior Available Width(s) 60" Full Roll Length 100 linear feet (30.5m) Thickness 2 ply / 8 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	Film Type	Polyester
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Full Roll Length Thickness 2 ply / 8 mil SOLAR PROPERTIES: Reflectance Visible Light Transmission UV Rejection 99% Total Solar Reflectance 8% Total Solar Absorbance PHYSICAL PROPERTIES Tensile Strength psi 12,000 Break Strength lbs/inch TD/MD 182/217 Longitude Elongation at Break Peel Strength g/inch 2 ply / 8 mil 2 ply / 8 mil 3 20.5mil 3 32.5mil 3 2.5mil	Usage	Interior
Thickness 2 ply / 8 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	Available Width(s)	60"
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	Full Roll Length	100 linear feet (30.5m)
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	Thickness	2 ply / 8 mil
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	SOLAR PROPERTIES:	
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	Reflectance	10%
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	Visible Light Transmission	83%
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	UV Rejection	99%
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	Total Solar Reflectance	8%
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	Total Solar Absorbance	15%
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		
Yield Strength psi 12,000 Break Strength lbs/inch TD/MD 182/217 Longitude Elongation at Break >100% Peel Strength g/inch 2750	PHYSICAL PROPERTIES	
Break Strength Ibs/inch TD/MD 182/217 Longitude Elongation at Break >100% Peel Strength g/inch 2750	Tensile Strength psi	32,500
Longitude Elongation at Break >100% Peel Strength g/inch 2750	Yield Strength psi	12,000
Peel Strength g/inch 2750	Break Strength lbs/inch TD/MD	182/217
	Longitude Elongation at Break	>100%
Puncture Resistant Load lbs 9320	Peel Strength g/inch	2750
	Puncture Resistant Load lbs	9320

Product Construction

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

UltraSafe-8 mil clear

UltraSafe 8Mil Our innovative 8 Mil safety film is a very special type of polyester that combines 4 mil of polyester together with another layer of 4 mil polyester giving it a very strong form of protection for glass in case of impact from hurricane debris 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.

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 ASTM E 84 - Class A 0 -25 Flame Spread Index 0 -450 Smoke developed Index

CODE COMPLIANCE TEST DATA

NOA 13-0408.01

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

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

Product Details