



SECURITY

12M CLEAR

Data:

- * Designed for applications where safety and security is a priority
- * Excellent solar performance, including UV rejection, as well as glare reduction
- * Superior optical clarity
- * Advanced adhesive formulation
- * Evaluation according to the following test methods/standards:
 - Small Missile Impact Test - ANSI Z-97.1 and CPSC 16 CFR 1201
 - Large Missile Impact Test & Cyclic Window Pressure Tests - ASTM E1886/ASTM E 1996-03, Level C, 4,5lb 2" x 4"
 - GSA Explosive Test - GSA-TS01-2003
 - Flame Spread and Smoke Developed Test - ASTM e-84

Total Solar Energy

Transmittance	70%
Reflectance	10%
Absorbance	20%
Rejection	22%

Visible Light

Transmittance	82%
Reflectance	10%

Winter U-Value	1,05
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IR- Rejected	>8%
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UV Rejected	>99%
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Physical Properties

Film Thickness	0,012"
Single or Multi-Ply	Single Layer
Tensile Strength	32,700 psi
Break Strength	370 lbs/inch
Adhesive Type	Acrylic Pressure Sensitive Adhesive
Peel Strength	2600g/inch
Elongation at Break	>100%
Melting Point	255~265°C
Puncture Strength	243lbs



Note: All data values above are representative and are provided for comparison purposes only

