



X^e PS 12 Technical Data

- Solar Energy Transmission 77%
- Solar Energy Reflection - Exterior..... 08%
- Solar Energy Absorption 15%
- Visible Light Transmission..... 86%
- Visible Light Reflection - Exterior 09%
- Interior..... 10%
- UV Transmission <1%
- Shading Coefficient (b Value) 0.92
- Emissivity 0.91
- U-Value (EN 673 W/m²K) 5.8
- Glare Reduction 2%
- Coefficient of Total Energy Transmission (g Value) 0.80
- Thickness without Liner (Micron)..... 299
- Total Solar Energy Rejected..... 20%

Characteristics & Benefits

- **Safety Film: Safe glass breakage conformity with EN 12 600, ASTM 1886 ASTM 1996**
- Excellence Transparency
- Nearly invisible, once installed.
- UV protection only in the adhesive layer. Minimal protection against fading of textiles, furniture, and works of art.
- **Scratch resistance coating:** Durability of film due to easier cleaning and maintenance. Faster and easier installation.
- **High-end, water soluble, extremely heat resistant adhesive with immediate agglomerating power when pressing:** Faster and easier removal of adhesive residues on the window pane after peeling off the film (time saving).
- Safety against bomb blast shatter resistant.
- Meeting the GSA standard 3 low hazard high protection.

Features

Tensile Strength	-Machine direction	204 N/mm²
	-Transverse direction	167 N/mm²
Yield Strength	-Machine direction	104 N/mm²
	-Transverse direction	108 N/mm²
Elongation at Break	-Machine direction	86%
	-Transverse direction	108%
Elongation at Yield	-Machine direction	7%
	-Transverse direction	7%