



SCL SR PS4

CLEAR

PERFORMANCE DATA

| | |
|-------------------------------------|------|
| Solar Transmittance | 81% |
| Solar Reflectance | 9% |
| Solar Absorptance | 10% |
| Visible Light Transmittance | 89% |
| Visible Light Reflectance: External | 10% |
| Visible Light Reflectance: Internal | 10% |
| Emissivity | .84 |
| Winter Median U Value | 1.03 |
| Ultraviolet Rejected | 95% |
| Total Solar Energy Rejected | 16% |
| Shading Coefficient | .97 |
| Light To Solar Heat Gain Ratio | 1.06 |
| Solar Heat Gain Coefficient | .84 |

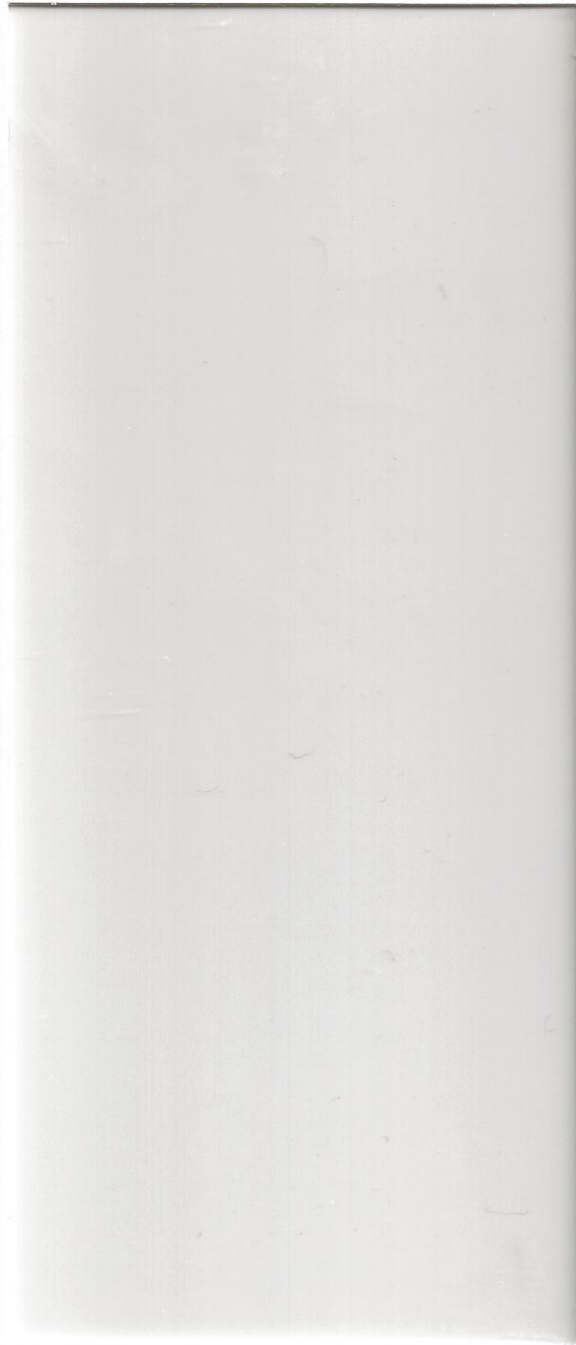
BENEFITS

- Helps hold shattered glass together should a break occur
- Helps slow down entry through glass
- Pressure-sensitive adhesive has low visual distortion providing optical clarity

PHYSICAL PROPERTIES

| | |
|---|--------------|
| Film Thickness: inches | .004 |
| Appearance | Clear |
| Film Structure | Single |
| Tensile Strength: psi (as constructed) | 34,555 |
| Tensile Strength: psi (as reported by Polyester Supplier) | 32,000 |
| Break Strength: lbs (peak load) | 135 |
| Break Strength: lbs (average load) | 133 |
| Elongation at Break | > 100% |
| Peel Strength: gr/in (lb/in) | > 2720 (> 6) |
| Puncture Strength: lbs | 79 |

All LLumar Safety and Security Films pass the ANSI Z97.1 impact test requirements when tested on 1/8 inch or 1/4 inch annealed glass.



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All physical property data has been measured in accordance to ASTM Standards. All solar property data has been measured in accordance with NFRC standards on clear 1/8" glass. All values averaged from routinely accumulated quality control data.