

12 mil Clear (304µm)

MECHANICAL PROPERTIES

| | |
|---------------------------|----------------|
| Thickness | 12 mil (304µm) |
| Tensile Strength at Break | 28,500 PSI |
| Break Strength | 336 lb/inch |
| Elongation at Break | 125 % |
| Peel Strength | 7 lb/inch |

OPTICAL & SOLAR PROPERTIES

| | 3mm Single |
|----------------------------------|------------|
| Visible Light Transmitted | 87% |
| Visible Light Reflected (Int) | 11% |
| Visible Light Reflected (Ext) | 11% |
| Ultra Violet Block | 99% |
| Total Solar Energy Reflected | 10% |
| Total Solar Energy Transmitted | 78% |
| Total Solar Energy Absorbed | 12% |
| Glare Reduction | 3% |
| Shading Coefficient | 0.94 |
| Solar Heat Gain Coeff. (G-Value) | 0.82 |
| U-Value Winter (IP) | 1.07 |
| U-Value Winter (SI) | 6.07 |
| Total Solar Energy Rejected | 18% |

R32303T PS

SAFETY TESTS

| | | |
|--------------------|--|---------------------------------------|
| Impact | EN 356 P2A | ✓ |
| | DIN 52290 Part 4, A1 | ✓ |
| Wind Debris | ASTM E330 | ✓ |
| | TAS 201, 202, 203 Florida Building Code (Dade County Small Missile Test) Hurricane | ✓ |
| Bomb Blast | Stach Gefen IDF testing | ✓x2 + No-Bar |
| | UL 972 Burglary Resisting Glazing Material | ✓ |
| | GSA Level D (10.2 psi, 90.6 psi/msec) | ✓(3A) x2 + No-Bar on both sides |

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