

12 mil Clear

MECHANICAL PROPERTIES

Thickness	12 mil
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 ACCREDITATIONS

Impact	EN 356 P2A - P4A	✓
	DIN 52290 Part 4, A1	✓
Wind Debris	ASTM E330	✓
	TAS 201, 202, 203 Florida Building Code (Dade County Small Missile Test) Hurricane	✓
Bomb Blast	Siach Gefen IDF testing	✓x2 + No-Bar
	UL 972 Burglary Resisting Glazing Material	✓
	GSA Level D (4 psi, 30psi/msec)	✓(3A) x2 + No-Bar on both sides