



# SF Clear 12 mil i

## 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 (interior)	11%
Visible Light Reflected (exterior)	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%

## Accredited Safety Tests

<b>Impact</b>	EN 356 P4A DIN 52290 Part 4, A1
<b>Bomb Blast</b>	Siach Gefen IDF Testing (x2 + No Bar) GSA Level D (10.2 psi, 90.6 psi/msec) GSA 2C, ISO: B, ASTM: No Hazard

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