



# SF Clear 7 mil i

## Mechanical Properties

Thickness	7 mil
Tensile Strength at Break	26,000 PSI
Break Strength	180 lb/inch
Elongation at Break	140 %
Peel Strength	7 lb/inch

## Optical & Solar Properties

	3mm Single
Visible Light Transmitted	88%
Visible Light Reflected (interior)	11%
Visible Light Reflected (exterior)	11%
Ultra Violet Block	99%
Total Solar Energy Reflected	9%
Total Solar Energy Transmitted	80%
Total Solar Energy Absorbed	11%
Glare Reduction	2%
Shading Coefficient	0.95
Solar Heat Gain Coeff. (G-Value)	0.83
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.07
Total Solar Energy Rejected	17%

## Accredited Safety Tests

<b>Impact</b>	AS/NZS 2208
	ANSI Z97.1 (48" pendulum fall)
	CPSC 1201 Title 16 (48" pendulum fall)
	EN 12600 Class 2B2, 1B1
<b>Fire</b>	BS 476 Fire Propagation
	ASTM D1929 Ignition

DS No 1280, April 2018