



R Silver 20 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	6mm Double
Visible Light Transmitted	18%	17%
Visible Light Reflected (interior)	62%	62%
Visible Light Reflected (exterior)	61%	61%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	53%	48%
Total Solar Energy Transmitted	13%	11%
Total Solar Energy Absorbed	34%	41%
Emissivity (Room Side)	0.88	0.88
Glare Reduction	81%	80%
Selective InfraRed Reduction (SIRR)	69%	
InfraRed Energy Rejection (IRER)	62%	
Shading Coefficient	0.27	0.37
Solar Heat Gain Coeff. (G-Value)	0.23	0.31
U-Value Winter (IP)	1.06	0.49
U-Value Winter (SI)	6.02	2.76
Luminous Efficacy	0.66	0.46
Total Solar Energy Rejected	77%	69%

Accredited Safety Tests

Impact	EN 12600 Class 2B2
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