



R Silver 20 4 mil

Mechanical Properties

Thickness	4 mil
Tensile Strength at Break	28,500 PSI
Break Strength	112 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

Optical & Solar Properties

	3mm Single	6mm Double
Visible Light Transmitted	19%	18%
Visible Light Reflected (interior)	61%	61%
Visible Light Reflected (exterior)	60%	60%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	53%	48%
Total Solar Energy Transmitted	14%	12%
Total Solar Energy Absorbed	33%	40%
Emissivity (Room Side)	0.74	0.74
Glare Reduction	79%	78%
Selective InfraRed Reduction (SIRR)	65%	65%
InfraRed Energy Rejection (IRER)	49%	49%
Shading Coefficient	0.27	0.36
Solar Heat Gain Coeff. (G-Value)	0.23	0.31
U-Value Winter (IP)	0.99	0.47
U-Value Winter (SI)	5.62	2.65
Luminous Efficacy	0.70	0.49
Total Solar Energy Rejected	77%	69%

Accredited Safety Tests

Impact EN 12600 Class 2B2

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