

R Silver 20 - 9 Mil - Solar Safety Interior Films

Attractive, Efficient and Secure



Safety

R Silver 20 - 9 Mil safety interior window film combines the reinforced protection of security laminates with superb heat rejection, up to 99% UV block, and a sophisticated appearance. The **R Silver 20 - 9 Mil** window film provides increased protection from glass shattering by impact, blast, crime or natural disaster.

Optical and Solar Properties**	R Silver 20 9 Mil	
Item Number	R24603T	
Pane	Single	Double
Visible Light Transmitted	20%	19%
Visible Light Reflected (Interior)	61%	61%
Visible Light Reflected (Exterior)	57%	56%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	50%	46%
Total Solar Energy Transmitted	15%	13%
Total Solar Energy Absorbed	35%	41%
Emissivity (Room Side)	0.91	0.91
Glare Reduction	78%	77%
Selective InfraRed Reduction (SIRR)	92%	92%
InfraRed Energy Rejection (IRER)	80%	80%
Shading Coefficient	0.30	0.40
Solar Heat Gain Coeff. (G-Value)	0.25	0.34
U-Value Winter (IP)	1.08	0.49
U-Value Winter (SI)	6.13	2.78
Luminous Efficacy	0.67	0.48
Total Solar Energy Rejected (%)	75%	66%
Mechanical Properties	R Silver 20 9 Mil	
Thickness	9 mil	
Tensile Strength at Break	28,500 PSI	
Break Strength	245 lb/ inch	
Elongation at Break	125%	
Peel Strength	7 lb/ inch	

** Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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