

Safety 5 Mil Matte

MECHANICAL PROPERTIES

Thickness	5 mil
Tensile Strength at Break	25,000 PSI
Break Strength	140 lb/inch
Elongation at Break	140 %
Peel Strength	5-7 lb/inch

OPTICAL & SOLAR PROPERTIES

	Single Pane	Double Pane
Visible Light Transmitted	58 %	53 %
Visible Light Reflected (Int)		
Visible Light Reflected (Ext)	25 %	30 %
Ultra Violet Block	98 %	99 %
Total Solar Energy Reflected	20 %	23 %
Total Solar Energy Transmitted	55 %	47 %
Total Solar Energy Absorbed	25 %	30 %
Emissivity (Room Side)	0.90	0.90
Glare Reduction	36 %	35 %
Shading Coefficient	0.72	0.71
Solar Heat Gain Coeff. (G-Value)	0.62	0.62
U-Value Winter (IP)	1.07	0.49
U-Value Winter (SI)	6.08	2.78
Luminous Efficacy	0.80	0.75
Total Solar Energy Rejected	38 %	38%

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