

# Safety 12 Mil Matte

## 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

	Single Pane	Double Pane
Visible Light Transmitted	55 %	51%
Visible Light Reflected (Int)		
Visible Light Reflected (Ext)	28 %	32 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	23 %	24 %
Total Solar Energy Transmitted	52 %	45 %
Total Solar Energy Absorbed	26 %	31 %
Emissivity (Room Side)	0.90	0.90
Glare Reduction	38 %	37 %
Shading Coefficient	0.69	0.69
Solar Heat Gain Coeff. (G-Value)	0.60	0.60
U-Value Winter (IP)	1.07	0.49
U-Value Winter (SI)	6.08	2.77
Luminous Efficacy	0.80	0.74
Total Solar Energy Rejected	40 %	40 %

R32311C - Safety 12 Mil Matte Pressure Sensitive Adhesive

Ed-B DS No 1284 August 2011