

# Safety 10 Mil Cold Steel 50 SR

## MECHANICAL PROPERTIES

Thickness	10 mil
Tensile Strength at Break	28,500 PSI
Break Strength	245 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

## OPTICAL & SOLAR PROPERTIES

	Single Pane	Double Pane
Visible Light Transmitted	52 %	49 %
Visible Light Reflected (Int)	16 %	18 %
Visible Light Reflected (Ext)	16 %	22 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	17 %	20 %
Total Solar Energy Transmitted	43 %	37 %
Total Solar Energy Absorbed	40 %	43 %
Emissivity (Room Side)	0.92	0.92
Glare Reduction	42 %	40 %
Shading Coefficient	0.64	0.69
Solar Heat Gain Coeff. (G-Value)	0.55	0.60
U-Value Winter (IP)	1.08	0.49
U-Value Winter (SI)	6.13	2.79
Luminous Efficacy	0.84	0.71
Total Solar Energy Rejected	45 %	40 %

R269L3T - Safety 10 Mil Cold Steel 50 Pressure Sensitive Adhesive

US Patented Technology

