

6 mil Cold Steel 50

MECHANICAL PROPERTIES

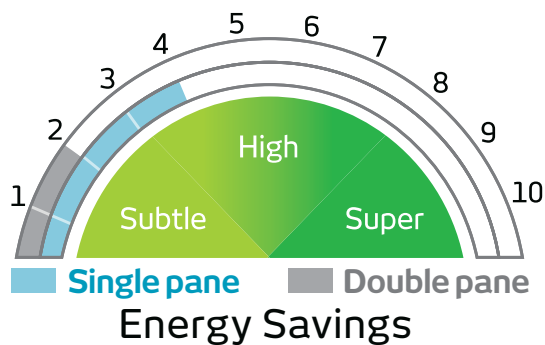
Thickness	6 mil
Tensile Strength at Break	28,500 PSI
Break Strength	145 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

OPTICAL & SOLAR PROPERTIES

	3mm Single	3mm IGU
Visible Light Transmitted	52 %	48 %
Visible Light Reflected (Int)	16 %	19 %
Visible Light Reflected (Ext)	17 %	23 %
Ultra Violet Block	99 %	99 %
Total Solar Energy Reflected	18 %	22 %
Total Solar Energy Transmitted	42 %	35 %
Total Solar Energy Absorbed	40 %	43 %
Emissivity (Room Side)	0.90	0.90
Glare Reduction	42 %	41 %
Shading Coefficient	0.62	0.67
Solar Heat Gain Coeff. (G-Value)	0.53	0.58
U-Value Winter (IP)	1.07	0.49
U-Value Winter (SI)	6.08	2.78
Luminous Efficacy	0.85	0.71
Total Solar Energy Rejected	47 %	42 %

R169L3T PS

US Patented Technology



safety & security



ED-E DS No 1227, August 2011