

5 mil OptiTune 22

MECHANICAL PROPERTIES

Thickness	5 mil
Tensile Strength at Break	28,500 PSI
Break Strength	145 lb/inch
Elongation at Break	125 %
Peel Strength	7 lb/inch

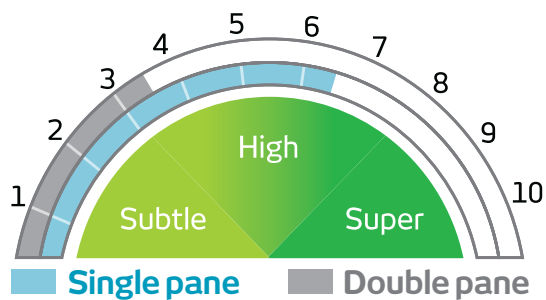
OPTICAL & SOLAR PROPERTIES

	3mm Single	3mm IGU
Visible Light Transmitted	21 %	19 %
Visible Light Reflected (Int)	15 %	15 %
Visible Light Reflected (Ext)	32 %	36 %
Ultra Violet Block	99.9 %	99 %
Total Solar Energy Reflected	32 %	31 %
Total Solar Energy Transmitted	18 %	15 %
Total Solar Energy Absorbed	50 %	54 %
Emissivity (Room Side)	0.82	0.82
Glare Reduction	77 %	76 %
Shading Coefficient	0.38	0.51
Solar Heat Gain Coeff. (G-Value)	0.32	0.44
U-Value Winter (IP)	1.03	0.48
U-Value Winter (SI)	5.85	2.71
Luminous Efficacy	0.55	0.38
Total Solar Energy Rejected	68 %	56 %

R144R2T PS

SAFETY ACCREDITATIONS

Impact	ANSI Z97.1 (48" pendulum fall)	✓
	CPSC 1201 Title 16 (48" pendulum fall)	✓



Energy Savings
safety & security



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