



# FT800 - 8 Mil Security Window Film

Tensile strength	32,500 psi
Peel strength	2750 g/inch
Break strength	269 lbs/inch
ASTM D4830 puncture test	173 lbs
Melting point	260-265°C



PERFORMANCE RESULTS	1/8" SINGLE	1/8" DOUBLE
Solar Energy Transmitted	73%	60%
Solar Energy Absorbed	16%	25%
Solar Energy Reflected	11%	15%
Visible Light Transmitted	84%	76%
Visible Light Reflected - Exterior	13%	19%
Visible Light Reflected - Interior	12%	19%
Emissivity	.88	.88
Winter U-Factor (W/m <sup>2</sup> °C)	5.89	2.87
Shading Coefficient	.91	.82
Solar Heat gain coefficient	.79	.71
Solar selectivity index – luminous efficacy (VLT/SC)	.93	.93
Light to solar heat gain factor (VLT/SHGC)	1.06	1.07
UV light blocked (@300 to 380nm)	>99	>99
Total Solar Energy Rejected	21%	29%
Summer solar heat gain reduction	7%	5%
Glare Reduction	6%	6%

**Note:**

Warranty is subject to window films applied to glass when fitted by an authorized installer in accordance with the manufacturer's recommendations. Performance results are subject to variation within industry standards and are only intended for estimating purposes. Data is representative of actual window film product production. Values are as applied to clear float glass as determined by the manufacturers and independent testing laboratories.



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