

SF Clear 12 Mil Mod - Safety & Security Interior Films

Optically clear glazing protection



Safety

Add safety and security protection from impact, blast, crime or natural disaster to any Avery Dennison solar window film by installing it in combination with safety modular film **SF Clear 12 Mil Mod**.

Optical and Solar Properties**	SF Clear 12 Mil Mod
Item Number	R32303C
Pane	Single
Visible Light Transmitted	87%
Visible Light Reflected (Interior)	11%
Visible Light Reflected (Exterior)	11%
Ultra Violet Block	99%
Total Solar Energy Reflected	10%
Total Solar Energy Transmitted	78%
Total Solar Energy Absorbed	12%
Glare Reduction	3%
Shading Coefficient	0.94
Solar Heat Gain Coeff. (G-Value)	0.82
U-Value Winter (IP)	1.07
U-Value Winter (SI)	6.07
Total Solar Energy Rejected (%)	18%
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
Safety Testing	
Impact	
EN 356 P4A	√
Bomb Blast	
Siach Gefen IDF Testing (x2 + No Bar)	√
Bomb Blast GSA Level D (10.2 psi, 90.6 psi/msec)	√
UL 972 Burglary Resisting Glazing Material (3A) x2 + No Bar on Both Sides	√
Wind Debris	
ASTM E330	√
TAS 201, 202, 203, Florida Building Code (Dade County Small Missile Test) Hurricane	√

** Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

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