

3M Safety & Security Window Film





Anti Graffiti 6 (AG-6)

Technical Data

Product Features & Benefits

- Optically clear, 6-mil (0.15 mm) thick film to protect glass from scratches, abrasion and acid etching
- Increased film thickness for more protection to underlying glass surface
- Double-ply film results in less stiffness for better handling properties
- Will not form chemical bond to glass, enabling easy film removal should replacement be required due to vandalism
- Glass fragment retention properties to provide basic shatter resistance
- Reduces injury risk from flying glass.
- Protects from the harmful effects of UV light and reduces fading of interior furnishings
- Class A rated interior use for Flame Spread Index and Smoke Development values per ASTM E-84.

Product Performance & Technical Data

Anti Graffiti 6 (AG-6)								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	AG-6	1/4" tint	AG-6	Dual 1/4" Clear	AG-6	Dual 1/4" tint	AG-6
Solar Heat Gain Coefficient	0.82	0.82	0.63	0.59	0.70	0.68	0.51	0.46
Visible Light Transmitted	89%	87%	53%	47%	79%	77%	47%	45%
Visible Light Reflected Interior	10%	8%	10%	6%	15%	15%	13%	14%
Visible Light Reflected Exterior	10%	8%	13%	6%	15%	15%	8%	14%
U Value	1.03	1.03	1.03	1.03	0.47	0.47	0.47	0.47
UV Block	38%	99%	NA	99%	NA	99%	NA	99%
Total Solar Energy Rejected	19%	19%	37%	41%	30%	32%	49%	54%
Glare Reduction	NA	2%	NA	11%	NA	3%	NA	5%
Heat Loss Reduction	NA	0%	NA	0%	NA	0%	NA	0%
Solar Heat Reduction	NA	0%	NA	6%	NA	3%	NA	9%

Film Properties* (nominal)

Product	Film Thickness	Single or Multi-ply	Tensile Strength	Break Strength	Elongation at Break	Peel Strength	Puncture Strength	Abrasion Resistance
AG-6	0.006"	Multi (2)	32,200 psi	190 lbs/in	>100 %	1,000 g/in	132 lbs	< 5% increase in haze

*not for specification purposes

Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



Renewable Energy Division

St. Paul, MN 55144-1000

1-866-499-8857

www.3M.com/windowfilm

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