





Product Features and Benefits

- Optically clear, 4-mil (0.10 mm) thick film to protect glass from scratches, abrasion and acid etching
- 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
- Helps reduce the chance of injury from flying glass.
- Helps protect 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

AG-4								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	AG-4	1/4" tint	AG-4	Dual 1/4" Clear	AG-4	Dual 1/4" tint	AG-4
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	9%	8%	9%	6%	15%	15%	13%	14%
Visible Light Reflected Exterior	8%	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	Tensile Strength	Break Strength	Elongation at Break	Peel Strength	Puncture Strength	Abrasion Resistance
AG-4	0.004"	25,000 psi	136 lbs/in	>100 %	1 lb/in	90 lbf	< 2% haze increase

IMPORTANT NOTICE:

This product is **not approved** in the State of Florida for use as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm. In compliance with Florida Statute 553.842, this product may not be advertised, sold, offered, provided, distributed, or marketed in the State of Florida as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm.

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Commercial Solutions Division

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