

COVRGARD

TECHNICAL DATA SHEET

Windshield Protection Film

General Description:

CovrGard Windshield Protection utilizes high-performance films, designed to protect the vulnerable glass surfaces from the damage caused by impact and abrasion. Using an optically clear CPU with acrylic adhesive system, these products provide excellent hydrophobic properties with a high UV rejection to also protect the occupants. Available in both clear and light smoked appearance the IR 70 version offers enhanced infrared rejection of up to 4X its clear alternative.

Warranted against manufacturing defects including UV degradation, bubbling and cracking, CovrGard applies easy and maintains its clarity and durability in a wide range of environments, providing improved chemical and mechanical resistance.

	COVRGARD CPU	COVRGARD IR70	TEST METHOD
Total Thickness	7.3 mil $\pm$ 0.4 (185 μ)	7.3 mil $\pm$ 0.4 (185 μ)	ISO 4593
Visible Light Transmittance	94%	75% $\pm$ 5	ISO 9050 (300-380nm)
IR Reduction	15% $\leq$	60% $\leq$	KS L2514 (800 ~2500nm)
UV Rejection	94% $\leq$	98% $\leq$	ISO 9050 (300-380nm)
Tensile Strength	$\leq$ 20.00 MPa	$\leq$ 20.00MPa	ASTM D 412
Ultimate Adhesion	0.9 $\leq$ N/in	0.9 $\leq$ N/in	ISO 4593
Elongation	100% $\leq$	100% $\leq$	ASTM D 412

Recommended Shelf Life – 2 years from date of purchase

Recommended Storage Conditions - 72°F (22°C) @50% RH

Recommended Film Handling - Always ensure film is wound tight and taped firmly in between usage

Important notice to purchaser: All statements, technical information and recommendations are based on independent test results as shown above. Before using any product in any application, it is recommended that testing for suitability for intended use is carried out.