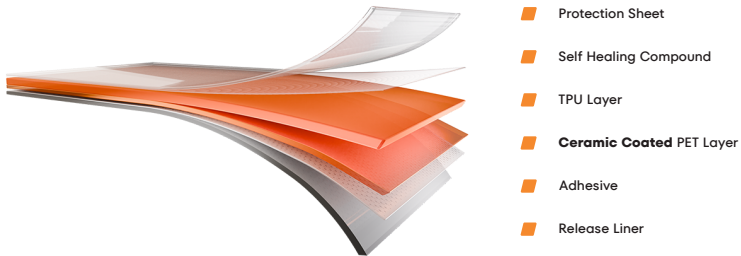


EVERCLEAR EC-02 HYBRID

EVERCLEAR™ EC-02 is a next-generation hybrid film engineered for maximum clarity and superior heat rejection. This precision-engineered 2-layer construction combines the impact resistance of TPU with a ceramic-coated PET layer for high thermal performance.



Instructions

PROTEKTOR EVERCLEAR™ films are compatible with all automotive glass surfaces, provided the substrate is perfectly smooth and non-porous. To ensure optimal bonding and prevent application failures, the glass must be entirely free from contaminants such as grease, oil, wax, or silicone.

Recommended room temperature for material installation is 22°C ± 4°C.

TECHNICAL SPECIFICATION

Physical Properties

Characteristic	Specification
Substrate Material	Transparent
Thickness of Base film	127 microns (5 mil)
Total Thickness	165 microns (6.5 mil)
Base Film Material	Hybrid TPU + Ceramic Coated PET
Top Coating	Hydrophobic and Self Healing Standard Clear
Adhesive Type	Ultra Clear (Trade Secret)

Product Characteristic

Characteristic	Result / Standard	Test Method
Visible Light Transmittance (VLT)	76%	Excellent stability
UV Rejection (UVR)	99%	UV Resistant
Infrared Rejection	70%	(IRR @ 950nm)
Tensile Strength	47.2 MPa	ASTM D882

180° Peel Adhesion (Tested on Stainless Steel)

Test Condition	Result (Metric)	Result (Imperial)
24 hours at room temperature	314 N/m	1.79 lb/in

Stain & Corrosion Resistance

Test Condition	Result
Stain Resistance	PASS
Corrosion Resistance	PASS
Mar Resistance	PASS

Shelf Life

One year from date of receipt by customer when stored in original packaging at 22±4°C and at a maximum moisture of 50% RH.