

TECHNICAL DATA SHEET

WINDSHIELD PRO +

Global Windshield Pro+ is an advanced, ultra-transparent protective film consisting of a high-performance adhesive, an ultra-clear polyurethane film, and a resistant coating. It reliably protects the windshield against stone chip damage and glass cracks during driving. Wear marks from windshield wipers appear on the replaceable film rather than on the original glass – keeping your windshield permanently in new-car condition. Additionally, it offers excellent water-repelling properties for optimal visibility in all weather conditions.

KEY FEATURES

- ✓ Excellent optical clarity
- ✓ Protection of original glass from irreversible scratches
- ✓ Hydrophobic properties
- ✓ Excellent chemical resistance
- ✓ Easy installation on curved surfaces
- ✓ Replaceable protective layer – the windshield stays immaculate



Application	The recommended surface and ambient temperature of the vehicle should be between 20 °C and 30 °C. The application should be carried out in a dust-free area and without direct sunlight.
Storage	The shelf life of this film is one year when stored in its original packaging at a temperature between 18 °C and 26 °C and a relative humidity of 50 % to 60 %.

NOTICES

The values listed here are typical values and serve exclusively as an information source. Before application, the user must verify the suitability of the product for its intended use and assumes all risks and liabilities. Further details can be found in the application manual.

PERFORMANCE PROPERTIES

No.	Properties	Test Standards	Unit	Typical Values
Mechanical Properties				
1	Peel Strength	FTM 01	kg/cm	> 0.118
2	Gloss at 60°	ASTM D-2457	GU	> 85
3	Tensile Strength	ASTM D-882	MPa	> 10
4	Elongation	ASTM D-882	%	> 100
5	Light Transmittance	ASTM D-1003	%	>= 90
6	UV Rejection	ASTM D-1003	%	>= 99
7	Surface Contact Angle	ASTM D-5946	°	> 100

CARE AND MAINTENANCE

- a. Do not operate the windshield wipers under dry conditions.
- b. We recommend using silicone wiper blades, as it is extremely important to avoid scratches from the windshield wipers. Replace the silicone wiper blades as needed.
- c. Apply a ceramic coating every two months to keep the windshield clean.
- d. Ensure that the film is completely dry and cured before using the windshield wipers.
- e. Use a soft microfiber cloth for washing and drying the film surface.
- f. Do not clean the film under dry conditions; always use washing solutions for cleaning.
- g. Remove ice and snow accumulation from the film surface before operating the windshield wipers.
- h. Replace silicone or silicone-coated windshield wipers as needed.
- i. Remove contaminants such as bird droppings, contaminated washer fluid, and other impurities from the film as quickly as possible. These can cause contamination and stains on the film.
- j. Do not point the high-pressure cleaner nozzle directly at the edges of the windshield film.

WARRANTY EXCLUSION AND SAFETY NOTICE

- a. The windshield film is not covered by warranty for wear caused by stone chips, windshield wipers, and when aftercare and maintenance are not carried out in accordance with the recommendations.
- b. It is recommended not to operate the vehicle if the windshield film is peeling, cracking, blistering, yellowing, losing transparency, or showing scratches, as this may lead to serious damage or injury to you, your vehicle, or other persons. We hereby disclaim liability for any such damage or injury caused under such circumstances.