

TORIAN® ScreenShield™

Description

Torian® ScreenShield™ is a next-generation thermoplastic polyurethane (TPU) protection film developed to safeguard vehicle windscreens and visors in motorsport and high-performance environments. Designed for endurance, clarity, and precision, ScreenShield delivers outstanding impact resistance against debris, stones, and track abrasion, while maintaining exceptional optical quality and driver visibility.

Face Film

Film Type:	Thermoplastic Polyurethane (TPU)
Finish:	Transparent Optically Clear Gloss
Film Thickness:	180 microns (7.5 mil)
Top Coat:	Self-healing, hydrophobic

Adhesive

Type:	Clear pressure sensitive solvent acrylic-based adhesive
Application Temperature:	+18° C to +35° C
Service Temperature:	-30° C to +90° C

Liner

140grm² Silicone coated PET (Polyester) liner

Durability

Northern Europe up to 1 year

*durability terms can vary by installation conditions.

Benefits & Features

- High-Impact TPU Construction, engineered to absorb and disperse impact energy from gravel, debris, and track fragments, protecting glass from cracking and pitting.
- Ultra-Clear Optical Transparency, ensures distortion-free visibility for drivers, even in high-speed or low-light conditions.
- Hydrophobic Surface Coating, repels water, dust, and dirt, improving visibility in wet conditions and reducing maintenance.
- Self-Healing Topcoat, surface micro-repairs minor scratches and abrasions with the application of gentle heat or sunlight.
- UV and Chemical Resistance, provides long-term protection from yellowing, UV degradation, and cleaning products.
- Easy Application and Removal, conformable TPU allows for clean installation and residue-free removal, ideal for race teams managing quick-turnaround maintenance.
- Protects Expensive Components, extends windscreen lifespan, preventing costly replacements during competition or testing.
- Maintains Optical Clarity, keeps driver vision crystal clear under demanding race conditions.
- Enhances Safety, reduces the risk of glass fragmentation or damage from flying debris at high speed.
- Quick and Efficient Maintenance, designed for pit crews and race engineers; easy to replace between race stages or events.
- Professional Motorsport Proven, suitable for GT, touring, endurance, rally, off-road, and track-day vehicles.

TORIAN® ScreenShield™

Storage

Rolls should be stored vertically, in their original packaging and in a dust free environment. Typically, with relative humidity at max. 50% and between +18°C to +22°C for a maximum of up to 1 year.

Roll Dimensions

1220mm x 15m (10kg)

Torian® Warranty

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the product for each application. In case of doubt, please request an expert evaluation of the compatibility of the film and the surface in question. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice.