



THE BEST PROTECTION YOU'LL NEVER SEE



SMOKE

ULTRA SMOOTH, DARK TINTED, HIGH GLOSS PROTECTION



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SMOKE LIGHTS HIGH GLOSS PROTECTION

PremiumShield® SMOKE is intended to give headlights and tail lights a darker look, plus all the benefits of protection against scratches, abrasion and stone chips.

The film does not distort the light emittance.

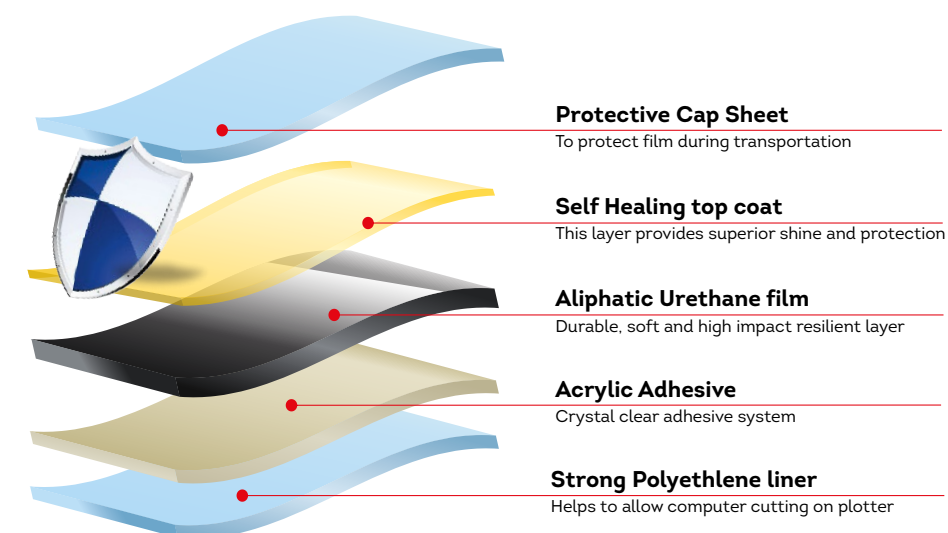
- 35% light transmittance
- Change cosmetics without impacting functionality
- Fogging prevention
- Self-healing top-coat



Characteristics

PremiumShield® SMOKE is a high-gloss transparent gray tinted 0.16 mm thick aliphatic polyurethane film (PU) with a 0.04 mm thin, crystal clear, pressure-sensitive acrylic adhesive layer (PSA).

The film is specially designed to protect headlights, spotlights and tail lights against stone chips and other damage PLUS with 35% VLT dark shades, a "custom" look is obtained.



Technical Information	
Type:	Polyurethane
Colour and surface:	High Gloss Smoke
Thickness:	195 microns (8 mil)
Elongation - percent (ASTM D882):	400%
Peel (PSTC-101) 3D/RT/SS:	705Nm/25mm
Shear (PSTC-101) 1hr Dwell/SS:	Avg 257 mins/4:28 hr
Gravelometer (SAEJ4000):	Pass (no ruptures)
Outdoor Weathering - 24 months: Arizona 45° South Exposure (Range 35°-105°F)	Pass (no changes)
Chemical resistance: Isopropanol/water 1: 1 Carburettor cleaner (brushing test)	Pass (no effect)

After Care Instructions

NOTE: The film should be left a minimum of 48 hours to allow the pressure sensitive adhesive time to fully cure and all of the moisture to evaporate completely. After the curing process has passed, follow the simple maintenance instructions below.

Cleaning

Always remove contaminants (insect debris, bird droppings, etc.) immediately. If left on the film for a longer period of time, stains can form, just as the acids contained would eventually damage the paint.

We recommend using **PremiumShield Insect Remover**, which has been specially designed to gently and efficiently remove insect debris, and bird lime.

Washing & rinsing

We suggest using a twin bucket method, along with a lambswool wash mitt for a gentler clean. If you choose to use a pressure washer, ensure the lance is at least 3 feet away from the surface of the film, avoiding any edges to prevent lifting.

We recommend using **PremiumShield Shampoo**, which provides a pH neutral construction for a thorough wash.

Drying

Use a normal moisture absorbant cloth to dry the film the same as you would the rest of the vehicle.

Once dry use a clean microfibre cloth to polish with **PremiumShield Premium Seal**.

Scientifically designed to enhance the film, Premium Seal provides an additional level of protection to the films' surface. This should be reapplied every 3-6 months for maximum benefit.

For regular maintenance after washing **PremiumShield Spray and Shine** quick detailer spray may be used to maintain the slickness on the surface of the film.

If you wish to maintain your vehicle using alternative products, we recommend avoiding polishes that contain abrasives, petroleum, solvents or that are resin based as this will damage the PPF, always use synthetic based waxes.

Cleaning edges

Over time wax and dust can stick to the film edges. For cleaning, use a regular cotton swab dipped in 70% isopropynol alcohol (IPA or rubbing alcohol) and wipe it AWAY from the edge, NOT towards the edge to remove any residue.

Things to avoid...

Do not use solvent-based cleaners, insect removers, degreasers or other abrasive materials. Polishing equipment may be used, but at low speed and with minimal force.

We recommend that you test on a small area out of sight before proceeding fully.



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