



World's Best and No. 1

High Performance Surface Protection Film

OMEGA SHIELD  
PROTECTION

- Ultra Gloss
- Clear as Glass
- Automatic Self Healing
- Exceptionally Soft and Flexible
- Incredibly Easy to Install and Work With



OMEGA-SHIELD™ GLOSS

## Omega-Shield Gloss PPF: The World's Finest Paint Protection Film

### UNIQUE: AUTOMATIC SELF-HEALING

OMEGA-SHIELD™ GLOSS goes beyond traditional PPF films: it is truly AUTOMATIC SELF-HEALING. Where other films require hot water or heat guns to make scratches disappear, OMEGA-SHIELD™ GLOSS does it by itself.

Light surface scratches fade away on their own, without any external action, just by watching it happen. Within 10 minutes, the surface is smooth again.!

### ADVANCED TOP COAT: resilient, self-healing, and repellent

The film's ability to self-repair minor damage without external heat sources comes from its specialized top layer. This soft 10.2-micron coating is resilient and self-restoring upon damage. It is also water- and dirt-repellent, anti-fouling, and non-yellowing; key features in any premium-grade PPF.

### EFFORTLESS INSTALLATION

OMEGA-SHIELD™ GLOSS stands out not only for its brilliance and optical clarity but also for its ease of installation. Thanks to the ideal balance of flexibility and a repositionable adhesive system, it installs easily. No stress about glue lines, stretch marks, or adhesive lift during repositioning. You can correct as often as needed, the film handles it all.

Ideal for smooth surfaces like automotive paintwork and highly conformable around convex and concave curves.

### COMBINING AESTHETICS, PERFORMANCE & INSTALLATION EASE

OMEGA-SHIELD™ GLOSS blends superior elasticity and visual clarity with high resistance to impact, abrasion, and stone chips.

It also resists UV degradation, discoloration, and cracking.

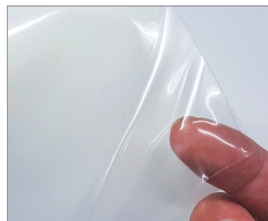
Its extreme clarity, chemical resistance, impact durability, and premium-grade performance are backed by a 10-year warranty.

### WHAT MAKES OMEGA-SHIELD DIFFERENT FROM OTHER PPF FILMS?

The differences are clear: (1) a glossy surface without orange peel, (2) an elasticity of up to 360%, (3) the ability to make scratches disappear on their own within 10 minutes without heat, and (4) the option to endlessly reposition and correct during installation without adhesive marks or residue.

These properties make OMEGA-SHIELD™ a particularly user-friendly and high-quality PPF film for every installer.

- 193 microns thick
- Ultra-smooth, high-gloss top layer
- Stretchable up to 360%
- Automatic self-healing (within 10 min)
- Scratch-, impact- and stone chip-resistant
- Hydrophobic and dirt-repellent
- UV-resistant
- Will not peel, crack or tear
- Chemical-resistant
- Lifespan: 10 years / Lifetime\*





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# OMEGA SHIELD

PROTECTION

## State-of-the-Art Production for Exceptional Performance

By combining a new, patented clear flexible top layer with a proven aliphatic polyurethane resin, OMEGA-SHIELD® GLOSS is the ideal protective film for any surface requiring long-lasting, uncompromised appearance.

### Beyond automotive use

OMEGA-SHIELD™ GLOSS has achieved OEM status and is factory-applied to vehicles around the globe.

But cars aren't the only beneficiaries, thanks to its advanced production technology, this premium film is also used to protect substrates in transport, motorsport, marine, watersports, industrial machinery, and durable equipment surfaces.



## Technical Specifications

Type: Aliphatic Polyurethane with ASH top coat

Color & Finish: Extremely clear; glass-like, no orange peel

Thickness: 193 microns (7.6 mil)

Gloss: 93 GU  
(KS M ISO2318 16:01 2015)

Self-healing: Yes, within 10 minutes  
(RT, copper brush scratching)

Elongation: 360%  
(ASTM D882-18)

Tensile Strength: 3916 psi (28.8 MPa = 257.3 Kg/cm<sup>2</sup>)  
(ASTM D882-18)

Adhesion: 1,900 gf/in – 2,200 gf/in  
(JIS K 6854-2)

Water Contact Angle: 104°  
(ASTM D5946)

Chemical Resistance: No effect  
(24 hrs IPA, motor oil, acetone, distilled water)

Adhesive residue after removal? No

Discoloration: (QUV tester, UVA-340, Irradiance 0.76VM2 Xenon Arc 12,000W/1000hrs) ΔE 0.8 - ΔE 0.1

Durability: 10 years / Lifetime\*

OMEGA-SHIELD™ is built on over 25 years of technical, practical, and production expertise. This experience has led to an unmatched position as the market leader in premium vehicle paint protection.

Our products are proven to rank among the clearest and most advanced paint protection films available, with real-world performance that continues to speak for itself.

### The multi-layer construction of OMEGA-SHIELD®

#### Protective PET transport layer

Thin sheet removed during installation

#### Specialized Automatic Self-Healing Top Coat

Delivers unmatched gloss and scratch repair

#### Aliphatic, crystal-clear polyurethane resin

Durable, flexible 150-micron functional core

#### Acrylic repositionable adhesive

Crystal-clear with no adhesive lines during installation

#### Stable polyethylene liner

Carrier backing for the film



## Maintenance Guidelines

■ **Important:** After application, allow the film to cure for at least 48 hours before washing or treating it. This ensures proper adhesive bonding and moisture evaporation from beneath the film.

■ After 48 hours, follow these simple maintenance instructions:

- Use a clean microfiber or chamois cloth to clean the film
- Only use synthetic wax; never apply natural waxes (e.g., Carnauba)
- Avoid colored car waxes. Only clear or white synthetic wax is allowed

#### Intermediate Cleaning

Remove contaminants like insects or bird droppings immediately. Prolonged exposure may cause staining, just like on exposed automotive paint.

#### Washing/Rinsing

Wash as usual. When using a pressure washer, maintain a minimum distance of 1 meter from film edges to prevent lifting. Never point the nozzle directly at edges, as high pressure can lift the film.

#### Drying

Use a microfiber drying towel or blow off excess water using a wet/dry vacuum or air blower.

#### Edge Cleaning

Dust and soap can accumulate at film edges. Use a standard cotton swab dipped in 70% isopropyl alcohol (IPA) and wipe away from the edge; not towards it.

#### Avoid the following:

Do not use solvent-based cleaners, bug removers, degreasers, abrasive polishes, or aggressive tools. Polishing equipment is allowed but only at low speed and light pressure. Always test a small area (e.g., bumper) before applying polish to large panels like hoods or fenders.

\* A lifetime warranty may be granted provided certain conditions are met. Otherwise, the lifespan is 10 years. See the Installation and Guidelines sheet for more information.

#### DISCLAIMER

All statements, technical data, and recommendations published by OMEGA-SKINZ® and OMEGA-SHIELD™ are based on test results we believe to be reliable and within expected tolerances. However, we do not guarantee accuracy or completeness and accept no liability arising from use or misuse. Resellers and suppliers are not liable for injuries, loss of profit, or damage from use or unsuitability of this product for the end-user. Neither seller nor manufacturer shall be responsible for processing or printing-related costs. Before using, the user must independently determine the product's suitability for their intended application. The user assumes full responsibility for any risk or liability from product use. Contradictory recommendations or statements are void unless officially published in technical documentation or signed by an authorized representative of the seller or manufacturer.

More information:

[www.omega-skinz.com](http://www.omega-skinz.com)