



World's Best and No. 1

High Performance Surface Protection Film

OMEGA SHIELD  
PROTECTION

- Satin matte
- Clear as glass
- Self-healing
- Original color remains unchanged
- Exceptionally easy to install



OMEGA-SHIELD™ MATTE

## Omega-Shield™ Matte PPF: protection with the appearance of factory matte paint

### SATIN MATTE, CRYSTAL CLEAR, SELF-HEALING.

OMEGA-SHIELD™ MATTE combines excellent elastic properties and optical clarity with high resistance to scratches and impacts. Physical contact from flying gravel, bushes and branches, or falling objects will not damage the paint, as the film protects the surface.

### UNIQUE TOPCOAT: the same appearance as factory matte paint.

Every proud car owner with a vehicle finished in factory matte paint knows that this type of finish is more sensitive to damage than standard glossy paint. All the more reason to protect this vulnerable paint with a protective layer. However, the film must meet two conditions:

**1:** It must not negatively affect the color; the color must remain exactly the same.

**2:** The matte finish of the film must match that of the factory paint, otherwise differences will become visible between protected and unprotected areas.

OMEGA-SHIELD™ MATTE fulfills both perfectly.

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### INSTALLATION IS INCREDIBLY EASY

OMEGA-SHIELD™ MATTE is not only outstanding in finish and clarity; thanks to the right mix of flexible properties and the special repositionable adhesive layer, installation is extremely easy. Fear of adhesive marks, stretch marks or damage when lifting and repositioning is unnecessary. Correct as often as you want. The film can handle it all.

OMEGA-SHIELD™ MATTE can be applied to both glossy and matte automotive paints and can be easily shaped on convex and concave curves.

- Thickness: 203 microns
- Smooth satin matte top layer
- Elastic and stretchable up to 346%
- Self-healing
- Scratch, impact, and stone chip resistant
- Hydrophobic, dirt-repellent, anti-fouling
- UV resistant
- Will not flake, break or tear
- Resistant to chemicals
- Durability: 7 years





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## The state-of-the-art production technique ensures unique properties.

By using the world's finest soft, high-grade polyurethane and applying a special topcoat, OMEGA-SHIELD™ MATTE is the ideal protective film for any surface that requires a flawless satin matte appearance.

### SATIN MATTE: COUNTLESS APPLICATIONS

OMEGA-SHIELD™ MATTE combines excellent elastic properties and optical clarity with high resistance to scratches and impacts.

As a result, the film is also used in a wide range of other applications.



### Technical Information

Type:	aliphatic Polyurethane with satin top coat
Color and Surface:	extremely clear; satin matte without "orange peel"
Thickness:	203 micron ( 8 mil)
Gloss (KS M ISO2318 16:01 2015)	24GU
Self-healing: (RT, copper brush scratching)	scratch resistant
Elasticity: (ASTM D882-18)	346%
Tensile Strength: (ASTM D882-18)	3408 psi (23.5 Mpa = 239.6 Kgf/cm <sup>2</sup> )
Adhesion Strength: (JIS K 6854-2)	1,600gf/in
Haze (Light Scattering): (ASTM D1003-13(procedure A)	43%
Chemical Resistance: (24hrs IPA, Motorolie, Aceton, gedistilleerd water)	yes
Adhesive Residue After Removal?	no
Discoloration: (QUV tester, UV-A-340, Irradiance 0.76VM2 Xenon Arc 12,000W/1000hrs)	ΔE 0.8 - ΔE 0.1
Discoloration:	7 years

OMEGA-SHIELD™ is built on more than 25 years of technical, practical, and production expertise. This experience has led to an unrivaled position as a market leader in optimal paint protection for vehicles. Our products are demonstrably among the clearest and most advanced paint protection films on the market, with performance proven time and again in real-world use.

### Special Self-Healing Top Coat

This layer provides lasting protection.

### Aliphatic Crystal-Clear Polyurethane Resin

Durable, soft, and resilient layer of 150 microns.

### Acrylic Adhesive (Repositionable)

Crystal-clear adhesive layer that leaves no glue marks.

### Strong Polyethylene Liner

The plastic liner on which the film is mounted.



### 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.

#### 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)