



Manufacturer's
5
Year Limited
Warranty¹

Self-Healing Paint Protection Film Technical Specification



LLumar® Paint Protection Film offers breakthrough technology for paint protection applications using an advanced, self-healing, solvent-resistant clear coat formulation enabling easy installation and increased longevity.

With excellent quality and clarity, LLumar® Paint Protection Film has the durability to stand up against the hazards of the road. Adding LLumar Paint Protection Film to your vehicle can help shield the areas of your vehicle that are most vulnerable to damage. With LLumar Paint Protection Film, caring for your car is easy. You can wash, wax and maintain your car just as you normally would. Whatever vehicle you drive, LLumar Paint Protection Film provides the excellent option for keeping your vehicle looking its best.

Features & benefits

- 🛡️ Virtually invisible shield that helps **protect vehicle's appearance**
- 🛡️ Helps defend against abrasions, nicks and scratches from insects, small road debris and winter salt and sand (**year-round protection**)
- 🔧 **Applicable** to bonnets, mirrors, bumpers, fenders, door handles, door edges, boot sills and more
- 🛡️ A proprietary, **self-healing** clear coat that is **scratch- and crack-resistant**
- 🔍 **High-gloss, virtually invisible** surface with **superior optical clarity** that matches a new car's finish
- 💰 Helps to **maintain investment** and to **maximise future trade-in value**
- 🔧 Professional installation by qualified dealers **ensures quality**
- 🕒 Manufacturer's **five-year** limited warranty¹

Performance data²

| | | |
|--|-----------------------|------------------------------|
| Peel Adhesion | ASTM D3330 | 804 N/m |
| Tensile Strength | ASTM D638 - 10 | 34.5 MPa |
| Tear Strength | ASTM D624 - 00 (2007) | 102.7 kg/cm |
| Elongation at Break | ASTM D638 - 10 | > 400 % |
| Wear Resistance | Taber Abrasion Test | No Wear Through |
| Chemical Resistance | Isopropyl Alcohol | No Detrimental Effect |
| | Hexane / Toluene | No Detrimental Effect |
| Weathering | | No Detrimental Effect |
| Heat Effect | | No Detrimental Effect |
| Rock Chip Resistance (water-worn road gravel, 3/8" to 5/8" mesh) | SAE J400 Gravelometer | Pass |
| Thickness (without liner or cap sheet) | | 7-8 mil |

¹ Certain restrictions apply; see authorised dealer for warranty details.

² Performance tests are conducted using standard test procedures. LLumar Paint Protection Film meets or exceeds the minimum specification values shown below.

Note: All statements, technical information and recommendations herein are based on tests Eastman believes are reliable. Eastman does not warrant or guarantee the accuracy or completeness of this information.



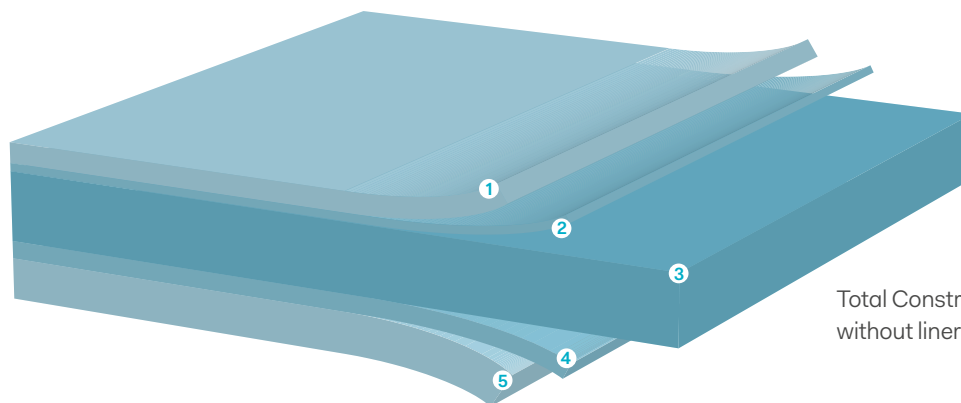
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Film construction

- 1 Cap sheet**
Removable protective polyester film
- 2 Clear coat**
Flexible, self-healing polyurethane coating
- 3 Urethane**
Impact-resistant 6 mil urethane formulated for excellent UV, heat and water resistance
- 4 Adhesive**
Self-crosslinking acrylic copolymer adhesive formulated for balanced tack, adhesive and cohesive properties
- 5 Liner**
Matte, polyester release liner



Total Construction is 7-8 mil without liner or cap sheet

Manufacturer's five-year limited warranty¹ coverage

The Manufacturer warrants professionally sold and applied LLumar[®] Paint Protection Film (PPF-Gloss, PPF-Matte as applicable) (the "Product") against cracking, bubbling or discolouring caused solely by defects in manufacture or materials, for a period of five years from the date of purchase of the product. This warranty is valid only if the product application was performed by a LLumar installer in accordance with Manufacturer's application procedures and applicable law.

Note: For entire warranty coverage of LLumar Paint Protection Film, review full warranty documentation.

Product Availability

| Mat. no. | Description | Dimension | |
|----------|-------------------------------------|-------------------|------------|
| 50168071 | LLumar Paint Protection Film, gloss | 0.609 m x 30.48 m | 24" x 100' |
| 50197235 | | 0.914 m x 30.48 m | 36" x 100' |
| 50168058 | | 1.219 m x 30.48 m | 48" x 100' |
| 50168060 | | 1.524 m x 15.24 m | 60" x 50' |
| 50168132 | LLumar Paint Protection Film, matte | 1.219 m x 30.48 m | 48" x 100' |
| 50168056 | | 1.524 m x 15.24 m | 60" x 50' |



LLumar.com

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