

Scotchgard™ Paint Protection Film Pro Series 4.0

Technical Data Sheet

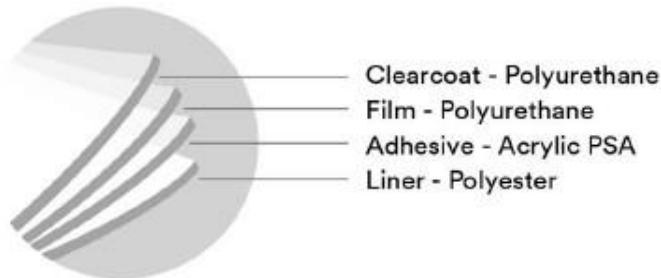


General Description

Scotchgard™ Paint Protection Film Pro Series 4.0 protects automotive paint and other vulnerable surfaces from stone chips, scratches, bug damage, road tar, stains, automotive fluid stains, and punishing outdoor weathering – including harsh ultraviolet (UV) radiation.

Scotchgard™ Paint Protection Film Pro Series 4.0 features:

- Virtually invisible film
- Maintains exceptional clarity with good resistance to yellowing
- Easy to install flexible film allows for easier part application on complex automotive surfaces
- Enhanced adhesive and clearcoat performance ensure durable protection
- Low orange peel provides optimal clarity, maintaining the original surface appearance



Physical Properties

Product	Thickness		
	Base Film	With Adhesive	Liner
Scotchgard™ Pro Series 4.0	0.152 mm 6 mils	0.203 mm 8 mils	3.0 mils

Part Numbers and Sizes

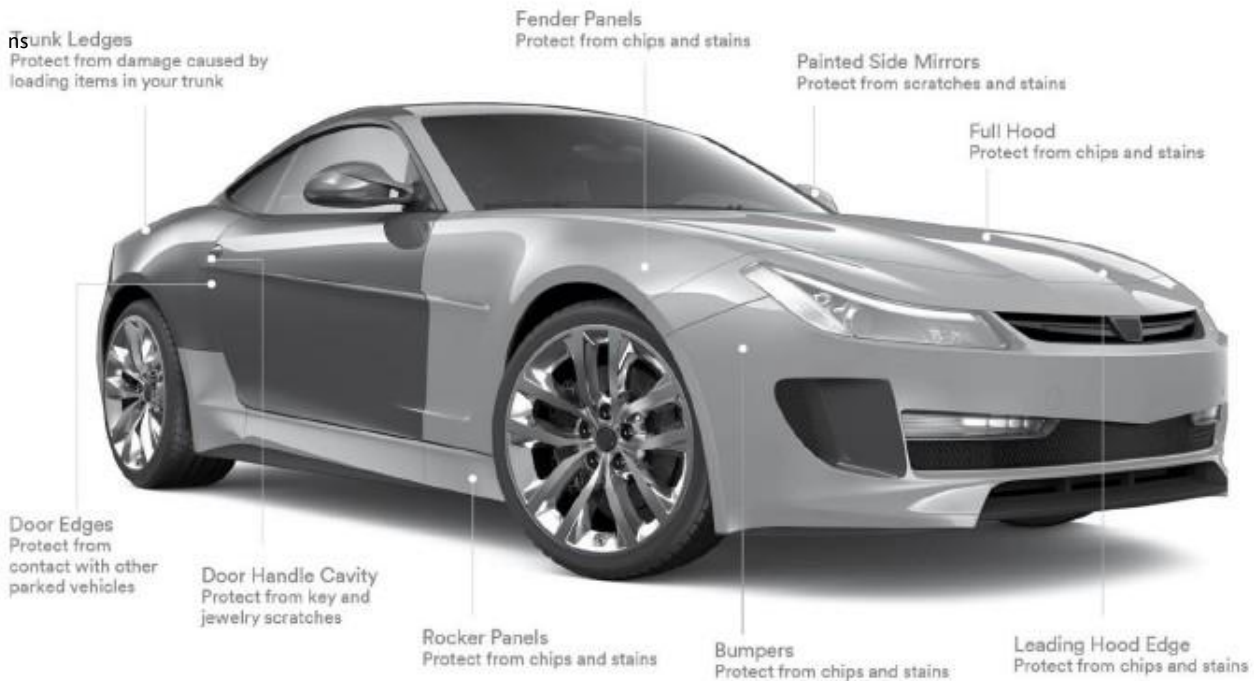
Part Number	Width (inches)	Length (feet)	Thickness (mil)
94811	12	100	8
94817	18	100	8
94823	24	100	8
94829	30	100	8
94835	36	100	8
94847	48	50	8
94859	60	50	8

Performance

Peel Adhesion	Initial State: 20 minutes at room temperature	700 N/m 4.0 lb./in
	Normal State: 24 hours at room temperature	780 N/m 4.5 lb./in
	Heat Aged: 168 hours at 80°C/176°F	1,100 N/m 6.3 lb./in
	Low Temperature: 168 hours at -22°C/-30°F	930 N/m 5.3 lb./in
	Water Immersion: 400 hours at 40°C/104°F	1,000 N/m 5.7 lb./in
Stain Resistance	Unleaded gasoline	No discoloration or adhesion loss
	Kerosene	
	Transmission Fluid	
Gravelometer	SAE J400	Pass
Tensile		20.6 MPa (3000 psi)
Elongation		450%

Applications

Applications shown below indicate typical areas of placement on vehicle. Actual film placement will vary according to the needs of the end user.



Availability

3M™ Paint Protection Films are available directly from 3M Authorized Distributors. Contact your 3M Automotive and Aerospace Solutions Division account representative for roll sizes, minimum order quantities, prices, and terms and conditions of sale.

Shelf Life

One year from date of shipment when stored at 40°F to 90°F (4°C – 38°C) and 0% to 95% relative humidity. Optimum recommended storage conditions are 72°F (22°C) and 50% relative humidity.

Contact Information

The information provided in this technical document is intended as a guide for this product. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Regulatory: Product is urethane film with residual solvent odor. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

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