

Scotchgard™ Paint Protection Film Pro Series Matte

Technical Data Sheet

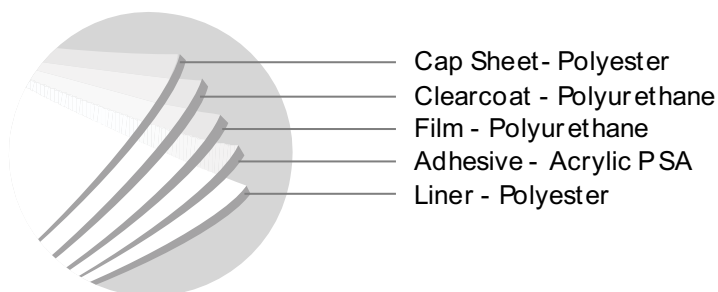


General Description

Scotchgard™ Paint Protection Film Pro Series Matte 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 while providing a unique satin finish.

Scotchgard™ Paint Protection Film Pro Series Matte features:

- Velvety smooth appearance that is unique in the industry
- Clear, satin finish allows paint color and metallic flake to show through
- Easy to install flexible film allows for easier part application on complex automotive surfaces
- Enhanced adhesive and clearcoat performance ensure durable protection
- Cap Sheet protects against surface impressions.



Physical Properties

Product	Thickness			Cap Sheet
	Base Film	With Adhesive	Liner	
Scotchgard™ Pro Series 4.0	0.152 mm 6 mils	0.203 mm 8 mils	3.0 mils	2.0 mils

Part Numbers and Sizes

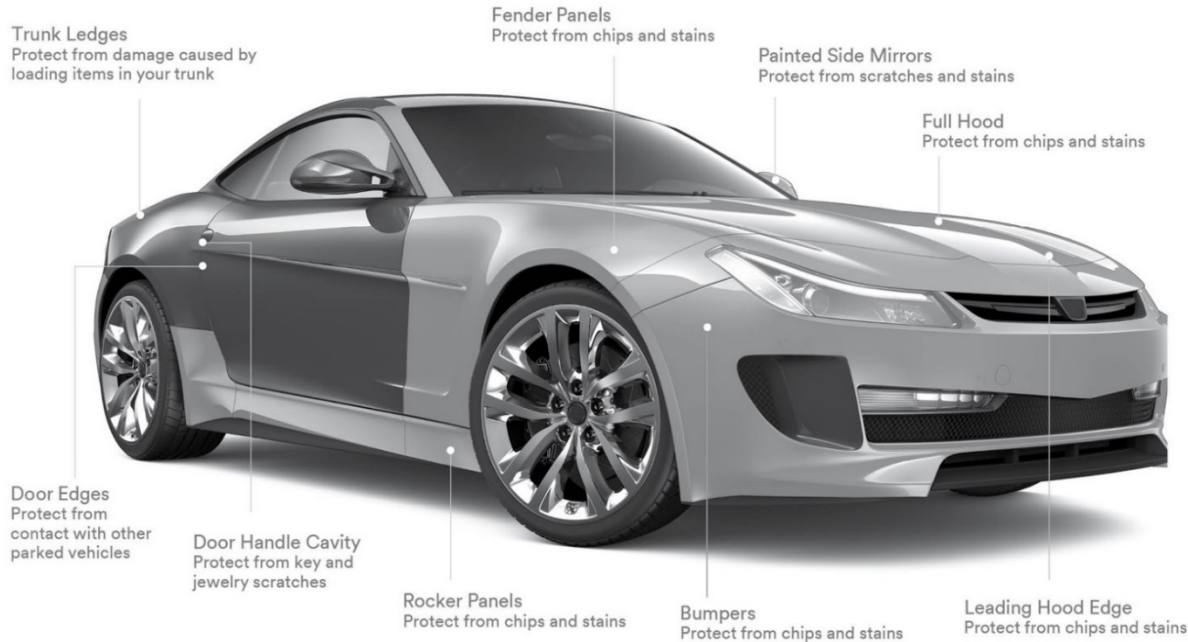
Part Number With Cap Sheet	Width (inches)	Length (feet)	Thickness (mil)
94524	24	100	8
94530	30	100	8
94536	36	100	8
94560	60	50	8
No Cap Sheet			
94424	24	100	8
94430	30	100	8
94436	36	100	8
94460	60	50	8

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		15.8 MPa (2,320 psi)
Elongation		280%

Applications

Applications shown below indicate typical areas of placement on vehicle. Actual film placement will vary according to the needs of the end user. Scotchgard™ Paint Protection Film Pro Series Matte also will be used for full vehicle wraps, coving every painted surface of the vehicle.



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.

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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.

Warranty, Limited Remedy, and Disclaimer: Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

Automotive and Aerospace Solutions Division

3M Center
St. Paul, MN 55144-1000
www.3M.com/paintprotectionfilm
1-800-328-1684

3M and Scotchgard are trademarks of 3M Company.
© 3M 2018. All rights reserved.
Printed in U.S.A