



VentureShield™ Paint Protection Film 7510CC/CS-LD

Technical Data Sheet

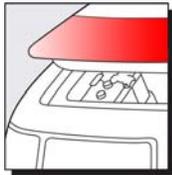
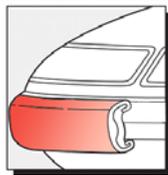
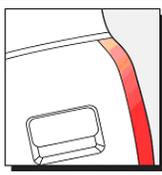
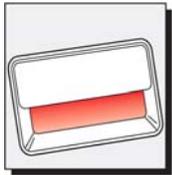
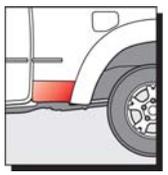
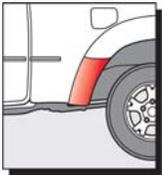
April 2011

General Description

3M™ VentureShield™ Paint Protection Film 7510CC/CS-LD is a 6.4 mil (163 micron) clear-coated urethane film, coated with a clear acrylic pressure sensitive adhesive (PSA). The film is specifically designed for surface protection of painted, gel coated or other surfaces with aesthetic requirements. The film helps protect from stone chips, scratches, bug damage, road tar stains and automotive fluid stains, as well as punishing outdoor weathering. VentureShield Paint Protection Film 7510 CC/CS-LD applies easily and maintains its clarity, durability and superior performance over a wide range of environmental conditions.

Features

- High performance surface protection film is ideal for use on painted or unpainted materials, gel coat, fiberglass or other smooth surfaces.
- Cuts and installs easily.
- Maintains clarity, guaranteed not to crack with UV or salt spray exposure.
- Excels in high heat and humidity environmental conditions.
- In-stock product available for immediate delivery.

Target Applications	Protect Painted Body Panels and Exterior Components		
	To protect paint from stone chips, scratches, bug damage, road tar stains, fluid stains and outdoor weathering.		
	Hood Leading Edge 	Bumper 	Door Edge 
Door Handle 	Rocker Panel 	Wheel Flare 	

Product Construction	Cap Sheet Urethane Layer (6.4 mils, 163 microns) Adhesive Layer (2 mils, 51 microns) Film Liner Layer	
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Physical Properties (Typical Values)	Characteristics	Results	Test Method
	Nominal thickness (film + adhesive + clear coat)	8.4 mils (213 μ m)	3M DCC654
	Tensile Strength	2900 PSI (20 MPa)	3M Internal
	Elongation	400%	3M DCC654
	Gravelometer	Pass	SAEJ400

Performance (Typical Values)	180° Peel Adhesion (Standard Paint) – lb/in. (N/m)	Results	Test Method
	Initial - 1 hr at Room Temp (RT)	4.0 (700)	3M DC C654
	72 hrs at RT	5.1 (900)	3M DC C654
	Heat Resistance - 168 hrs at 80 °C	5.7 (1,000)	3M DC C654
	Moisture Resistance – 168 hrs @ 50°C/ 95% RH	6.3 (1,100)	3M DC C654

Contact Information	The information provided in this technical document is intended as a guide for this product. For more information and help in selecting a 3M product for an application, please contact a 3M technical service representative.
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.

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Limited Warranty and Limited Remedy:
 3M warrants VentureShield Automotive Paint Protection Film 7510 CC/CS will be free of defects in materials and manufacture – including cracking and bubbling for five (5) years from the date of original purchase. This warranty does not apply to damage caused by misuse, accident, misapplication, or general wear and tear, nor does it apply to damage caused by physical impact of other vehicles, road debris or where organic/environmental damage or contamination has occurred. The warranty is valid as long as the installation is performed by an authorized VentureShield installer in accordance with manufacturer’s recommended installation procedures. The warranty is provided only to the original purchaser and is not transferable. If there is a breach of this warranty, 3M will provide replacement material only. 3M is not responsible for removal of original film and/or reapplication of the film. This warranty does not apply to headlight applications. Under no circumstances does this warranty imply any liability by 3M for any loss, indirect or consequential, or costs associated with reapplication of the film. Some installers may choose to offer, on their own behalf, different or additional warranties or remedies beyond the limited warranty and limited remedy offered by 3M.

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