

Avery Dennison® Supreme Defense™ Paint Protection Film

Polyester Liner

Revision: 0 Dated: 07/20/20

Physical Characteristics:

Property	Measurement	Typical Value
Caliper, face		6.5 mil (165 µm)
Caliper, adhesive		1.5 mil (38 µm)
Dimensional stability		<0.0059" (0.15 mm)
Tensile at Yield		tensile at break 28 lbs/in
Elongation		>200%
Gloss	Hunter Gloss @ 60 degrees Matte	< 20 GU
Adhesion:	Stainless Steel 15 min 24 hr	<u>Matte</u> 2.3 lbs/in (455 N/m) 3.6 lbs/in (630 N/m)
Flammability	FMVSS 302	Self Extinguishing
Shelf-Life		1 year from the date of manufacture (when stored at the following temperatures and humidity conditions 68°-77° F (20° - 25° C) and 50±5% R. H.)
Durability	Vertical Exposure Horizontal Exposure	<u>Matte</u> 5 years 5 years NOTE: New Mexico, Nevada, Arizona, Colorado, Southern California, and Hawaii will have a 2 year reduction in durability
Rock Chip Testing	SAE J400	Pass
Min. Application Temperature		50° F (10° C) Flat & Simple Curves 60° F (16° C) Complex Curves NOTE: When application temperatures are at the minimum recommended temperature, using a warm slip solution will help improve initial adhesion.
Service Temperature		-40° to 212°F (-40° to 100° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical Resistance	Motor Oil Windshield Washer Fluid Water 20% Iron Oxide Rust Road Tar Black Spray Paint	24 hours - no significant change 24 hours - no significant change 24 hours - no significant change 24 hours - no significant change (after surface wiping with 90% IPA) 24 hours - no significant change (after surface wiping with 90% IPA)

Product Data Sheet

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Solutions

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Customer Service: 800-282-8379