

Avery Dennison® SPF-XI™ Paint Protection Film

Polyester Liner

Revision: 1 Dated: 10/23/18

Uses:

Avery Dennison Supreme Protection™ Film XI (SPF-XI™) improves and safeguards vehicle aesthetics, while helping to retain resale value. A high quality polyurethane film helps to prevent damage from a range of challenges such as stone chips, road debris, insect stains and weathering - all without degrading the original paint finish, thanks to self-healing top-coat. The film is easy to apply, and ultra-clear to ensure excellent aesthetics.



Face: 6.5 mil (165 micron) gloss clear top coated polyurethane film



Adhesive: Permanent Acrylic (clear)



Durability: Up to 10 years vertical exposure**



Liner: 3 mil Polyester

Application Surfaces: Flat, simple curves, and compound curves

Features:

- Top coated, high gloss finish
- Self healing top coat provides excellent scratch resistance
- Premium grade, conformable polyurethane (PU) film
- Helps to protect painted surfaces from stone chips, road debris, insect stains and weathering
- Optical clarity providing invisible protection
- Outstanding durability and outdoor life
- Excellent UV, temperature, humidity, chemical and salt-spray resistance
- Excellent adhesion to new generation of automotive clear coats
- Protective PET top sheet helps maintain gloss and surface uniformity during transport*

Conversion:

- Flatbed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Hand Cutting

Common Applications:

- Automotive
- Marine
- Recreational Vehicles

Product Data Sheet

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Customer Service: 800-282-8379

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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 18.8 lbs/in									
Elongation		>200%									
Gloss	Hunter Gloss @ 20 degrees	>120 GU									
Opacity											
Adhesion:	Stainless 20 min 72 hr	2.0 lbs/in (350 N/m) 3.4 lbs/in (600 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	<table border="1"> <thead> <tr> <th>Zone 1</th> <th>Zone 2</th> <th>Zone 3</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>7</td> <td>4</td> </tr> <tr> <td>7</td> <td>2</td> <td>1</td> </tr> </tbody> </table>	Zone 1	Zone 2	Zone 3	10	7	4	7	2	1
Zone 1	Zone 2	Zone 3									
10	7	4									
7	2	1									
	Heat Aging Water Immersion	500 hrs @ 194°F (90°C) - no significant change 400 hrs @ 104°F (40°C) - no significant change									
Min. Application Temperature		50° F (10° C)									
Service Temperature		-40° to 212°F (-40° to 100° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).									
Chemical Resistance	Gasoline Resistance Diesel Resistance Water & Soap Mild Acids Motor Oil	30 min - no significant change 24 hours - no significant change 24 hours - no significant change 4 hours - no significant change 24 hours - no significant change									

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Data represents average values where applicable, and is not intended for specification purposes.

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⚠ WARNING

Failure to install the film in full compliance with Avery Dennison's installation instructions may result in personal injury or property damage. Read and follow all instructions when installing the film.

Revisions are italicized

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