

Avery Dennison® SC 900 Opaque & Metallic Series

Opaque RV Easy Apply™

Revision: 0 Dated: 08/11/15

Uses:

Avery Dennison SC 900 RV Easy Apply Opaque & Metallic Easy Apply cast films are premium quality, flexible, metallic or opaque solid color, high gloss, vinyl films designed for use in the transportation and vehicle markings requiring ease of use during application. Easy Apply technology is a revolutionary way to maximize productivity, making projects quicker and easier. The embossed liner creates air egress channels in the adhesive providing smooth coverage and fewer wrinkles.



Face: 2.0 mil (50 microns) high gloss cast film



Adhesive: Permanent Acrylic (clear)



Liner: 90# Avery Dennison Easy Apply technology



Durability: Up to 12 years

Application Surfaces:

Flat, Flat with Rivets, Corrugations, Deep Recesses

Features:

- Superior conformability to irregular substrates
 - Deeply concave shaped
 - Extremely convex shaped
 - Best performance on rivets
 - Best conformance in channels
- Outstanding durability and outdoor performance
- High gloss finish
- Excellent conversion on CAD plotters
- Excellent dimensional stability
- Excellent UV, temperature, humidity, and salt-spray resistance
- Custom colors available (contact your sales representative)
- Easy apply feature helps eliminate wrinkles and bubbles during application

Conversion:

- Thermal Die-Cutting
- Flat Bed Sign-Cut
- Drum Roller Sign-Cut
- Steel Rule Die-Cutting
- Thermal Transfer
- Screen Printing
- Roll Stripping

Common Applications:

- Marine
- Trains & Light Rail
- RV/Motor homes

Product Data Sheet

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graphics.averydennison.com
Customer Service: 800-282-8379

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Physical Characteristics:

Property		Typical Values
Caliper, face		2.0 mil (50µm)
Caliper, adhesive		1.6mil (40.6 µm)
Dimensional stability		<0.015"(0.4mm)
Tensile at Yield		4.0 - 8.0 lb/in (0.7–1.5 kg/cm)
Elongation		150% min.
Gloss	Measured @ 60°	90 GU
Adhesion:	24 hr.	3.0 lbs/in (430 N/m)
	1 week	4.0 lbs/in (700 N/m)
Flammability		Self Extinguishing
Shelf-Life		2 years from 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	Reference color and durability charts in this data sheet. See page 3.
	Exposure	
Flammability		Self Extinguishing
Min. Application Temperature		40° F (4 °C) Flat without rivets
		45° F (7 °C) Flat w/ rivets
Service Temperature		-50° to 180 °F (-45° to 82° C) (Reasonable range of temperatures which would be expected under normal environmental conditions).
Chemical resistance		Resistant to most mild acids, alkalis, and salt solutions.

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

Warranty:

This Warranty applies to the Product listed in this Data Sheet. All statements, technical information (including physical and chemical characteristics) and recommendations about Avery Dennison products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold subject to the Purchaser's assent and agreement that Purchaser is responsible for, and has independently determined, the suitability of such products for its purposes or its customer's purposes. Avery Dennison graphics products are warranted to be free from defects in material and workmanship for two years from the date of manufacture. When the product is properly applied, the warranty period is as stated in the product's specific Product Data Sheet in effect at the time of shipment to Avery Dennison's customer.

Such time periods are subject in either case to the proper storing and application of said product, and the failure to properly store or apply the product, including without limitation the failure to follow any applicable Instructional Bulletin, negates any warranty. It is expressly agreed and understood that Avery Dennison's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited exclusively to: (a) repair or replacement of defective product without charge at Avery Dennison's plant or at the location of the product (at Avery Dennison's election), or (b) in the event repair or replacement are not commercially practical, a credit amount up to the price of the product taking into account the defect in the product in Avery Dennison's sole discretion.

THE WARRANTY EXPRESSLY SET FORTH ABOVE IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR USE AND/OR NON-INFRINGEMENT. SELLER SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING CONDITIONS SHALL BE VALID UNLESS MADE IN WRITING AND MANUALLY SIGNED BY AN OFFICER OF AVERY DENNISON.

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All sales and contracts for sale of Products are subject to Purchaser's assent and agreement to this Warranty. Avery Dennison hereby objects to any terms or conditions contained in any purchase order or other communication of any kind from the Purchaser that is conflicting, inconsistent or additional to this Agreement.

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Related Documents:

The following Avery Dennison literature will provide necessary information to the user for proper application, storage, and other requirements and is available upon request from your Avery Dennison representative or from the Avery Dennison website (www.graphics.averydennison.com).

Document Title	Reference Number
Substrate Cleaning and Preparation	Instructional Bulletin # 1.10
Storage, Maintenance and Cleaning of PVC Films	Instructional Bulletin # 1.20
Durability of Films	Instructional Bulletin # 1.30
Converting Tips for Sign Films	Instructional Bulletin # 2.10
Ink recommendations for Cast, Reflective, Calendered, and Specialty Products	Instructional Bulletin # 3.00
Sericol TMI II Screen Inks: Metallics	Instructional Bulletin # 3.20
Sericol TMI II Screen Inks: Four Color Process	Instructional Bulletin # 3.21
Sericol TMI Screen Inks: Opaques, Transluents, and Transparents	Instructional Bulletin # 3.22
Sericol UTMI II Overprint Clear Coat	Instructional Bulletin # 3.23
Sericol TMI II 1000 Overprint Clear Coat	Instructional Bulletin # 3.24
Nazdar 3500 UV Fleet	Instructional Bulletin # 3.30
Application Instructions for Avery Dennison® Films	Instructional Bulletin # 4.00
Removal Instructions for Avery Cast, Calendered, Reflective, and Polyester Films	Instructional Bulletin # 4.10
Thermal Transfer Printing, Converting, Operating, and Product Instructions	Instructional Bulletin # 5.10
Tips for Overlaminating, Premasking & Packaging Graphics	Instructional Bulletin # 5.50
Stainless Steel Application Outdoor Durability	Instructional Bulletin #6.80

SC 900 RVEZ Colors & Expected Durability

Vertical Durability for Zone 1 vertical applications is noted in the chart below. Color samples are available from samples.graphics@averydennison.com, or through your sales or customer service contact.

SC900 RVEZ Series Name	Durability	SC900 RVEZ Series Name	Durability
SC900-101-O White RV EZ	12	SC900-190-M Black Metallic RV EZ	7
SC900-160-S White Sparkle RV EZ	3	SC900-207-M Champagne Mist Metallic RV EZ	5
SC900-109-S White Pearlescent RV EZ	5	SC900-646-M Bright Blue Metallic RV EZ	7
SC900-190-O Black RV EZ	12	SC900-808-M Medium Charcoal Metallic RVEZ	7

Reference IB 1.30 for zones by geographic location.

Revisions are italicized

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