

Series 4500 Satin Calendered Film

Series 4500: Non-Perforated - Series 4550: Perforated

Series 4500 is a 3-mil (75 micron) calendered film that is ideal for a wide variety of applications. This product comes in 28 eye-catching colors and has an outdoor durability of up to 6 years.

APPLICATIONS & FEATURES

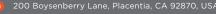
- Available in 28 colors
- Flexible 3-mil (75 micron) calendered polymeric film with acrylic adhesive and controlled release kraft liner
- Cutting and weeding performance speeds up your sign production
- · Contrasting blue liner on Gloss & Matte White make for optimal cutting & weeding
- Recommended for flat and soft curved surfaces
- Satin finish is excellent for banners, interior and exterior graphics
- Up to 6-year outdoor durability

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	40 to 60 Gloss Units (Satin)	
		5 to 10 Gloss Units (Matte)	
THICKNESS	Micrometer, Federal Bench Type	3-mil (75 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	10.0 lb/in	1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150 %	
SHELF LIFE (IN BOX)	Ideal storage temperature 70°F (20°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F optimum	15°C to 32°C optimum
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-40°F to 150°F	-40°C to 65° C
GASOLINE RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; immersed 15 minutes at 70°F (21°C); stabilized 24 hours before inspection	No appreciable effect	
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.025 in	0.64 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 2.5 lb/in	≥ 0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	150 g/2 in	30 g/cm

NOTE: May not be suitable for some long-term vehicle applications due to rigorous washing cycles and the wide variety of paints, some of which are not compatible with adhesives.

Standard Terms & Conditions Apply



800 232 7161/+1 714 985 6300

00 6 800 329

TERMS & CONDITIONS

The following is made in lieu of all warranties expressed or implied:

All statements, technical information and recommendations published by Arlon relating to Arlon products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

January 2019

SA: 0 200 Boysenberry Lane, Placentia, CA 92870, USA

P: 0 North Sea Building, Gevers Deynootweg 93, 4th Floor, 2586BK Den Haag, The Netherlands

P +31 70 354 4311

F +31 70 355 7721