



ARLON

► 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

TERMS & CONDITIONS

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