

► Series 3420 Overlaminates

Premium Calendered Overlamine Pressure-Sensitive Film Gloss, Satin and Matte Finishes

Series 3420 is constructed of a 75 micron calendered vinyl film with clear, permanent pressure-sensitive adhesive. Designed to protect and prolong the life of printed images, Series 3420 is made of a polymeric facstock and available in gloss, satin and matte finishes. Series 3420 is rated for outdoor durability up to 5 years.

APPLICATIONS & FEATURES

- Protective overlaminate for all promotional, intermediate and industrial, calendered products
- Short-term signage, kiosks and POP displays
- UV inhibitors to protect and extend the life of your printed graphic
- Arlon overlaminate film is designed to be laminated cold without any heat

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	80 to 90 Gloss Units (Gloss) 35 to 45 Gloss Units (Satin) 5 to 10 Gloss Units (Matte)
THICKNESS	Micrometer, Federal Bench Type	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	1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 130%
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	4.4°C to 38°C
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-29°C to 65°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.51 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	23.62 g/cm

Standard Terms & Conditions Apply

OPTIMUM PERFORMANCE

Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility.




Series 3420 will resist weathering best when applied to vertical or upper outboard angles. Horizontal angles, such as hood and auto roof surfaces, will deteriorate more quickly than vertical. This is due to increased exposure to sun and moisture, as well as continued high deposition of dirt and atmospheric contaminants. Arlon does not recommend its film for horizontal or close horizontal applications.







TERMS & CONDITIONS

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

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