



## ► Series 3450 Overlaminates

### Premium Polymeric Overlaminates Pressure-Sensitive Film in Gloss & Matte Finishes

Series 3450 is constructed of a 80 microns polymeric vinyl film with clear, permanent pressure-sensitive adhesive. Designed to protect and prolong the life of printed images, Series 3450 is made of a polymeric facestock and available in gloss and matte finishes to suit your graphic needs. Series 3450 is rated for outdoor durability up to 5 years.

#### APPLICATIONS & FEATURES

- Suitable for use with DPF 4550G/GT/MT/GTX/MTX
- Intermediate interior & exterior signage
- Arlon overlaminates film is designed to be laminated cold without any heat
- Not recommended for UV printed graphics

#### PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	80 to 90 Gloss Units (Gloss) 10 to 15 Gloss Units (Matte)
THICKNESS	Micrometer, Federal Bench Type	80 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%
SHELF LIFE (IN BOX)	Ideal Storage Temperature 21°C and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	15°C to 26°C
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-29°C to 65°C
DIMENSIONAL STABILITY	70°C, 48 hours	≤ 0.63 mm
PEEL ADHESION	PSTC-1, 15 min, 21°C	≥ 0.39 kg/cm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	≤ 12 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 3450 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**

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