

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

Standard Terms & Conditions Apply

#### USA

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## 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

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.

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