



ARLON

► Series V3370

Premium Non-PVC Overlamine

Series V3370 Overlamine series is a 1.5-mil (38 micron) with a polyurethane formulation, coated with a clear, permanent pressure sensitive adhesive and is available in both gloss and satin finishes. The gloss finish provides a high-gloss protective layer that enhances the vibrancy of printed graphics. The satin finish offers a subtle, low-glare surface that maintains the clarity of the printed graphics while reducing reflection. Both finishes are designed to offer long-lasting protection for your graphics and limited scratch recovery properties. This non-PVC laminate series offers superior resistance to harsh chemicals, including IPA, ethanol, gasoline, ethyl acetate, and various cleaners. The film's high heat tolerance minimizes potential rework and scrap, reducing the risk of burning the film and preventing damage to the graphics. Series V3370 is fire-tested under ASTM E-84 with a Class A rating.

APPLICATIONS & FEATURES

- Reduces VOCs by 60% during manufacturing.
- Chemical resistance and scratch-recovery properties, allowing minor scratches to heal over time.
- Increased durability along with UV and acid rain protection to extend the life of graphics.
- Gloss finish offers a high-gloss finish and long-lasting gloss retention for graphics.
- Satin finish maintains its finish under high heat exposure during installation.
- High heat tolerance to reduce risk of burning the film.
- Ideal for wall (indoor and outdoor), commercial fleet, and partial and full vehicle wrap applications.
- Protective overlamine for digitally printed Non-PVC, PVC Cast media, and flexible substrates.
- Arlon overlamine film is designed to be laminated cold without any heat.
- Extended Durability (Unprinted)
 - Gloss: 12 Years
 - Satin: 10 Years
- No mold growth*.

PERFORMANCE & PHYSICAL DATA

| PROPERTY | TEST METHODS | TYPICAL VALUE | |
|-------------------------------|--|--|---|
| SURFACE FINISH | Gloss Meter 60° Reflection | 80 Gloss Units (Gloss) 15 to 35 Gloss Units (Satin) | |
| THICKNESS | Micrometer, Federal Bench Type | 1.5-mil (38 micron) | |
| TENSILE STRENGTH | Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min, (5.1 mm/s), web direction | 8.5 lb/in width (Gloss) 4.5-5 lb/in width (Satin) | 1.5 kg/cm width (Gloss) 0.94 kg/cm width (Satin) |
| ELONGATION | Instron Tensile Tester as above | 220% | |
| SHELF LIFE (IN BOX) | Free from excessive moisture, temperature, direct sunlight | 2 years from factory shipment | |
| APPLICATION TEMPERATURE RANGE | On clean, dry substrate | 60°F to 90°F | 16°C to 32°C |
| SERVICE TEMPERATURE RANGE | On clean, dry substrate | -40°F to 175°F | -40°C to 79°C |

*No mold growth observed under ASTM D3273 when paired with DPF V9700 and DPF V9500.

USA

- a 200 Boysenberry Lane, Placentia, CA 92870
- p 800 232 7161 / +1 714 985 6300
- f +1 714 985 6305

EUROPE

- a Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
- p +31 70 354 4311
- f +31 70 355 7721

CHINA

- a No. 1989 Xinchang Road, Weifang, Shandong, 262400
- p +86 0536 6226568

| PROPERTY | TEST METHODS | TYPICAL VALUE | |
|-----------------------|--|---------------|------------|
| DIMENSIONAL STABILITY | Shrinkage After 158°F (70°C), 48 hours | 0.010 in | 0.24 mm |
| PEEL ADHESION | PSTC-1, 15 min, 70°F (21°C) | 4.0 lb/in | 0.71 kg/cm |
| LINER RELEASE | TLMI Release at 90°, 300 in/min (760 cm/min) | 50-60 g/2in | 9.84 g/cm |

.Standard Terms & Conditions Apply




TERMS & CONDITIONS

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




All orders and purchases made in connection with this document are governed and limited by Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at <http://www.arlon.com/terms-and-conditions> or in hardcopy by request.

March 2025



USA

 200 Boysenberry Lane, Placentia, CA 92870
 800 232 7161 / +1 714 985 6300
 +1 714 985 6305

EUROPE

 Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
 +31 70 354 4311
 +31 70 355 7721

CHINA

 No. 1989 Xinchang Road, Weifang, Shandong, 262400
 +86 0536 6226568

[aron.com](http://www.arlon.com)