



ARLON

## Series V3370

### Premium Non-PVC Overlaminates

Series V3370 Overlaminates series is cast with a water-based formulation, coated with a clear, permanent pressure sensitive adhesive and is available in both gloss and satin finishes. The gloss, 1.5-mil (38 micron), finish provides a high-gloss protective layer that enhances the vibrancy of printed graphics. The satin, 1.3mil (33 micron), 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, with an extended durability of up to 12 years (unprinted) 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

- Cast from a water-based formulation that reduces VOCs by 57% 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 overlaminates for digitally printed Non-PVC, PVC Cast media, and flexible substrates.
- Arlon overlaminates film is designed to be laminated cold without any heat.
- No mold growth\*.

### PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	80 Gloss Units (Gloss) 10 to 50 Gloss Units (Satin)	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	1.5-mil (38 micron) (Gloss) 1.3-mil (33 micron) (Satin)	
<b>TENSILE STRENGTH</b>	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) 5 lb/in width (Satin)	1.5 kg/cm width (Gloss) 0.94 kg/cm width (Satin)
<b>ELONGATION</b>	Instron Tensile Tester as above	220%	
<b>SHELF LIFE (IN BOX)</b>	Free from excessive moisture, temperature, direct sunlight	2 years from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	60°F to 90°F	16°C to 32°C
<b>SERVICE TEMPERATURE RANGE</b>	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.

#### 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

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 (Gloss) 3.0 lb/in (Satin)	0.71 kg/cm (Gloss) 0.53 kg/cm (Satin)
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	50 g/2in	9.84 g/cm

.Standard Terms & Conditions Apply




## TERMS & CONDITIONS

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




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