



# ► Series V3370 Overlaminates

## Premium Non-PVC Overlaminates with a Gloss Finish

Series V3370 is a premium, 1.5-mil (38 micron) non-PVC film casted with a water-based formulation and coated with a clear, permanent pressure-sensitive adhesive. This polyurethane overlaminates creates long-lasting graphics by having an extended durability of up to 12 years (unprinted), a high-gloss finish with high gloss retention, and scratch recovery properties. Series V3370 has superior resistance against harsher chemicals such as: IPA, ethanol, gasoline, ethyl acetate, and various cleaners. Potential rework and scrap are minimized due to the overlaminates's high heat tolerance that reduces the risk of burning the film, and facefilm not sticking to itself after heat is applied, which eliminates damage to the graphic. The film 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, where minor scratches will heal over time.
- Increased durability along with UV and acid rain protection to extend the life of graphics.
- No mold growth\*.
- High-gloss finish and long-lasting gloss retention for graphics.
- 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.

### PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	≥ 80 Gloss Units (Gloss)	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	38 micron	
<b>TENSILE STRENGTH</b>	Tensile Tester 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s); web direction	8.5 lb/in width	1.5 kg/cm width
<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
<b>DIMENSIONAL STABILITY</b>	Shrinkage 158°F (70°C), 48 hours	0.010 in	0.24 mm
<b>PEEL ADHESION</b>	PSTC-1, 15 min, 70°F (21°C)	4.0 lb/in	0.71 kg/cm
<b>LINER RELEASE</b>	TLMI Release at 90°, 300 in/min (760 cm/min)	50 g/2in	9.84 g/cm

\*No mold growth observed under ASTM D3273 when paired with DPF V9700.  
Standard Terms & Conditions Apply

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## TERMS & CONDITIONS

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