



► Series 3170 Overlaminates

Intermediate Cast Overlaminates Pressure-Sensitive Film

Series 3170 overlaminates is a 35 microns gloss cast vinyl film with clear, permanent pressure-sensitive adhesive. Designed to protect printed graphics, the thinner facestock of Series 3170 provides a higher conformability for your vehicle wraps, intermediate signage, and graphics. Series 3170 is rated for outdoor durability up to 7 years. This product is not designed to be used as an optically clear window film, or to be used with cast digital films.

APPLICATIONS & FEATURES

- Protective overlaminates for Fusion Wrap, DPF 4600LX, DPF 4500GLX/MLX.
- Vehicle and fleet graphics, intermediate signage, kiosks and POP displays.
- Arlon overlaminates film is designed to be laminated cold without any heat.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	80 to 90 Gloss Units
THICKNESS	Micrometer, Federal Bench Type	35 microns
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 1.2 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 200%
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	2 years from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	
	Flat:	4.4°C to 38°C
	Corrugated with rivets & channels:	15°C to 38°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°C to 79°C
DIMENSIONAL STABILITY	Shrinkage After 158°F (70°C), 48 hours	0.25 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	0.535 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	7.28 g/cm

Standard Terms & Conditions Apply





TERMS & CONDITIONS

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