



► Series 3270

Premium Cast Overlaminates in a Gloss, Matte and Satin Finish

Series 3270 overlaminates are constructed of 2-mil (50 micron) cast vinyl film with clear, permanent pressure-sensitive adhesive. Designed to protect and prolong the life of printed images, Series 3270 is rated for an outdoor durability of up to 7 years. This product is not designed to be used as an optically clear window film.

APPLICATIONS & FEATURES

- Protective overlaminates for SLX[®]+, SLX[®] Cast Wrap, DPF 6100XLP, DPF 6000XRP and DPF 6000RP White, for vehicle and fleet applications
- Recommended dry time for printed images is 24-48 hours prior to laminating
- UV inhibitors to protect and extend the life of your printed graphic
- 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 (Gloss) 20 to 30 Gloss Units (Satin) 1.5 to 10 Gloss Units (Matte)	
THICKNESS	Micrometer, Federal Bench Type	2-mil (50 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min, (5.1 mm/s), web direction	≥ 4.5 lb/in width	≥ 0.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE (IN BOX)	Ideal storage temperature 21°C and 50% relative humidity	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean image	40°F to 100°F	4.4°C to 38°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 175°F	-40°C to 79°C
DIMENSIONAL STABILITY	Shrinkage After 158°F (70°C), 48 hours	5-mil	0.12 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	4.35 lb/in	0.78 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	70 g/2in	13.78 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 3270 will resist weathering best when applied to vertical or upper outboard angles. Horizontal surfaces, such as hood(s) and auto roof(s), will deteriorate more quickly than vertical surfaces. 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 0 - 30 degree applications.

For best practice on laminating to UV inks, see [Tip 55: What is Silvering?](#)

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.

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