ARLON

PRODUCT INFORMATION BULLETIN

# Series 3270 Overlaminate

## Premium Cast Overlaminate in a Gloss and Matte Finish

Series 3270 overlaminate is 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 extends the life of the graphics by 2 years. When used independently, Series 3270 is rated for outdoor durability up to 7 years. This product is not designed to be used as an optically clear window film.

## APPLICATIONS & FEATURES

- Protective overlaminate for 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 overlaminate 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)<br>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: a 200 Boysenberry Lane, Placentia, CA 92870, USA p +1 714 985 6300 f 800 329 2756
EUROPE: a North Sea Building, Gevers Deynootweg 93, 4th Floor, 2586BK Den Haag, The Netherlands p +31 70 354 4311 f +31 70 355 7721
arlon.com

## 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.

## TERMS & CONDITIONS

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

All statements, technical information and recommendations published by Arlon relating to Arlon products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

*January 2018*

USA: a 200 Boysenberry Lane, Placentia, CA 92870, USA p +1 714 985 6300 f 800 329 2756
EUROPE: a North Sea Building, Gevers Deynootweg 93, 4th Floor, 2586BK Den Haag, The Netherlands p +31 70 354 4311 f +31 70 355 7721
arlon.com