



# Series 3210 Overlaminates

## Premium Cast Overlaminates Pressure Sensitive Film

Series 3210 overlaminates are constructed of a 1.3-mil (33 micron) gloss cast vinyl film with clear, permanent pressure-sensitive adhesive. Designed to protect printed images and prolong the life of the printed image. Series 3210 provides the same protection as our standard laminates while having excellent conformability during installation with a lighter weight film. The gloss finish provides an extra pop to printed graphics. Series 3210 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 laminate for DPF 6000XRP, DPF 6000X, DPF 6000RP, DPF 6000RP Clear, DPF 6500, DPF 6700, and Series 67A.
- Fleet graphics, vehicle applications, long-term signage, kiosks, and POP displays.

### PERFORMANCE & PHYSICAL DATA

| PROPERTY                             | TEST METHODS   | TYPICAL VALUE                  |                               |
|--------------------------------------|--|--------------------------------|-------------------------------|
| <b>SURFACE FINISH</b>                | Gloss Meter 60° Reflection   | 80-90 %                        |                               |
| <b>THICKNESS</b>                     | Micrometer, Federal Bench Type   | 1.3 mil                        | 33 micron                     |
| <b>TENSILE STRENGTH</b>              | Tensile Tester 2-in (51mm) jaw separation; crosshead speed of 12 in/min (5.1mm/s)  | ≥ 6.5 lb/in                    | ≥ 1.2 kg/cm                   |
| <b>ELONGATION</b>                    | Instron Tensile Tester as Above  | ≥ 200 %                        |                               |
| <b>SHELF LIFE</b>                    | Free from excess moisture, temperature, direct sunlight  | 2 years from factory shipment  |                               |
| <b>APPLICATION TEMPERATURE RANGE</b> | On clean, dry substrate<br>Flat:<br>Corrugated with rivets & channels:   | 40°F to 100°F<br>60°F to 100°F | 4.4°C to 38°C<br>15°C to 38°C |
| <b>SERVICE TEMPERATURE RANGE</b>     | On clean, dry substrate  | -40°F to 175°F                 | -40°C to 79°C                 |
| <b>HUMIDITY RESISTANCE</b>           | Film applied to etched aluminum panels 24 hours prior to testing. 100% relative humidity, 100°F (38°C) for 500 hours.                        | No Appreciable Effect          |                               |
| <b>GASOLINE RESISTANCE</b>           | Film applied to etched aluminum panels 24 hours prior to testing. Immersed 30 minutes at 70°F (21°C), stabilized 24 hours before inspection. | No Appreciable Effect          |                               |

\*Standard Terms & Conditions Apply

Effective Date 02/12

**USA:** 2811 S. Harbor Blvd. Santa Ana, CA 92704 – Telephone: 800-854-0361 – Fax: 714-540-7190  
Customer Service: Telephone: 800-232-7161 – Fax: 800-329-2756 – Technical Services: 877-275-6698

**EUROPE:** Badhuisweg 11 2587 CA Den Haag, The Netherlands – Telephone: +31 (0) 70 354-4311 – Fax: +31 (0) 70 355-7721

**INDIA:** 4F1 Court Chambers, 35 - New Marines Lines, Mumbai 400 020 – Telephone: +91 99 6755-3895

[www.arlon.com](http://www.arlon.com)

## **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.

**USA:** 2811 S. Harbor Blvd. Santa Ana, CA 92704 – Telephone: 800-854-0361 – Fax: 714-540-7190

Customer Service: Telephone: 800-232-7161 – Fax: 800-329-2756 – Technical Services: 877-275-6698

**EUROPE:** Badhuisweg 11 2587 CA Den Haag, The Netherlands – Telephone: +31 (0) 70 354-4311 – Fax: +31 (0) 70 355-7721

**INDIA:** 4F1 Court Chambers, 35 - New Marines Lines, Mumbai 400 020 – Telephone: +91 99 6755-3895

[www.arlon.com](http://www.arlon.com)