



## ▶ DPF 9000 Vinyl Film

### Engineering Grade Digital Print Pressure Sensitive Film

DPF 9000 is a 3.5-mil (90 micron) satin white, high-tensile, polyvinyl chloride film with medium-tack, repositionable, permanent pressure-sensitive adhesive. Designed for outdoor graphics, DPF 9000 is made of 100% polymeric face stock with a special lay-flat liner. The special adhesive system is designed to be solvent and heat resistant. DPF 9000 is designed to meet the marketing requirements and specifications of the transportation and automotive industries. The film conforms well to flat surfaces with slight contours when processed and applied according to Arlon recommendations. DPF 9000 is rated for outdoor durability up to 7 years (unprinted). Printed durability is dependent on the ink system used.

### APPLICATIONS & FEATURES

- Digital printing with a wide variety of direct print systems.
- Fleet markings, decorations for railway car, bus, boat, and recreational vehicle.
- Gas pump skirts.
- Motorcycle markings requiring Bake Cycle Curing.

### PERFORMANCE & PHYSICAL DATA

| PROPERTY                             | TEST METHODS   | TYPICAL VALUE                |                       |
|--------------------------------------|--|------------------------------|-----------------------|
| <b>SURFACE FINISH</b>                | Gloss Meter 60° Reflection   | 40% to 60%                   |                       |
| <b>THICKNESS</b>                     | Micrometer, Federal Bench Type   | 3.5-mil (90 micron)          |                       |
| <b>TENSILE STRENGTH</b>              | Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction | 13.0 lb/in width             | 2.3 kg/cm width       |
| <b>ELONGATION</b>                    | Instron Tensile Tester as above  | 100%                         |                       |
| <b>SHELF LIFE</b>                    | Free from excessive moisture, temperature, direct sunlight   | 1 year from factory shipment |                       |
| <b>APPLICATION TEMPERATURE RANGE</b> | On clean, dry substrate (flat)   | 40°F to 100°F optimum        | 4.4°C to 38°C optimum |
| <b>SERVICE TEMPERATURE RANGE</b>     | On clean, dry substrate  | -65°F to 225°F               | -54°C to 107°C        |
| <b>DIMENSIONAL STABILITY</b>         | 158°F (70°C), 48 hours   | 20 mils                      | 0.50 mm               |
| <b>PEEL ADHESION</b>                 | PSTC-1, 15 min, RT 70°F (21°C)   | 2.5 lbs/in                   | 0.45 kg/cm            |
| <b>LINER RELEASE</b>                 | TLMI Release at 90°, 300 in/min (760 cm/min)   | 30 g/2 in                    | 12 g/cm               |





\*Standard Terms & Conditions Apply








## 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.

April 2014

USA:  200 Boysenberry Lane, Placentia, CA 92870, USA  
EUROPE:  North Sea Building, Gevers Deynootweg 93, 4th Floor, 2586BK Den Haag, The Netherlands  
UK:  P6 Parklands, Heywood Distribution Park, Heywood, Lancashire OL102TT, UK  
INDIA:  4F1 Court Chambers 35, New Marines Lines, Mumbai 400 020, India

 800 232 7161 / 714 540 2811  800 329 2756  
 +31 0 70 354 4311  +31 0 70 355 7721  
 +44 0 161 884 0592  +31 0 70 355 7721  
 +91 99 6755 3895

arlon.com