



► DPF 8000™ Clear

Industrial Grade Multi-Purpose Polymeric Film For Hard-To-Stick Surfaces

DPF 8000™ Clear is a 75 microns luster clear vinyl film with an aggressive permanent pressure-sensitive adhesive. Designed for indoor and outdoor graphics, DPF 8000™ Clear is made of an engineering-grade face stock with a polycoated lay-flat liner. The special adhesive is designed to stick to “hard-to-stick” and low energy surfaces. The film is designed for applications on flat surfaces when processed and applied according to Arlon recommendations.

DPF 8000™ Clear is rated for outdoor durability up to 5 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Digital printing on a wide variety of direct print systems
- Polyolefin plastic surfaces such as polyethylene, polypropylene, polyurethane, etc
- Low energy surfaces

PERFORMANCE & PHYSICAL DATA

| PROPERTY | TEST METHODS | TYPICAL VALUE |
|-------------------------------|--|------------------------------|
| SURFACE FINISH | Gloss meter 60° reflection | 45% |
| THICKNESS | Micrometer, Federal Bench Type | 3-mil (75 microns) |
| TENSILE STRENGTH | Tensile tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction | 2.68 kg/cm width |
| ELONGATION | Instron tensile tester as above | 150% |
| SHELF LIFE | Ideal storage temperature 21°C and 50% relative humidity | 1 year from factory shipment |
| APPLICATION TEMPERATURE RANGE | On clean, dry substrate | 16°C to 32°C |
| SERVICE TEMPERATURE RANGE | On clean, dry substrate | -29°C to 65°C |
| DIMENSIONAL STABILITY | 70°C, 48 hours | 1270-3810 microns |
| PEEL ADHESION | PSTC-1, 15 min, 21°C | 0.893 kg/cm |
| LINER RELEASE | TLMI Release at 90°, 760 cm/min | 9.8 g/cm |

Standard Terms & Conditions Apply

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PREPARATION & INSTALLATION

DPF 8000™ Clear owes its very high bond to the softness of the adhesive. The trade off for high tack and adhesion is to expect higher visible shrinkage than normal. As a result, it is best practice to not leave the printer unattended when printing to avoid headstrikes due to adhesive build up on the film edges over time. Click here to see the WrapItRight video: Preventing Adhesive Build-Up When Printing with Arlon DPF 8000. When decorating DPF 8000™ Clear with screen or digital printing the solvent involved will penetrate both the vinyl and adhesive at the time of printing. If the printing solvents aren't completely removed before installation the resultant graphic will show very high shrinkage and edge curl. When printing this product be vigilant about drying the finished decal completely before laminating, top coating or installing.




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.

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