

PRODUCT INFORMATION BULLETIN

DPF 2000 Vinyl Film

Engineering Grade Digital Print Pressure Sensitive Film

PRODUCT DESCRIPTION

DPF 2000 is a 3.8-mil satin white, high-tensile, polyvinyl chloride film with low-tack, clean-removing pressure-sensitive adhesive. Designed for indoor and outdoor temporary graphics, DPF 2000 is made of 100% polymeric face stock with a special lay-flat liner. The special adhesive system allows the applied vinyl to be cleanly removed from most surfaces without any special tools for up to 2 years. The film conforms well to flat surfaces with slight contours when processed and applied according to Arlon recommendations. DPF 2000 is rated for outdoor durability up to 7 years (unprinted). Printed durability is dependent on the ink system used.

AREAS OF USE

- Digital printing with a wide variety of direct print systems
- Temporary advertisements and display graphics
- Billboards, motor and railway coaches, POP displays, leased fleets and vehicle markings

PERFORMANCE AND PHYSICAL DATA

<u>PROPERTY</u>	<u>TEST METHODS</u>	<u>TYPICAL VALUE</u>	
SURFACE FINISH	Gloss Meter 60° Reflection	40-60%	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0049 in	0.12 mm
TENSILE STRENGTH	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
ELONGATION	Instron Tensile Tester as above	100%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	40°F to 100°F optimum	4.4°C to 38°C optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-20°F to 175°F	-29°C to 79° C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	15 mils	0.38 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	1.5 lbs/in	0.27 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	30 g/2 in	12 g/cm

REMOVABILITY

DPF 2000 is clean-removing for up to 2 years printed from most surfaces.

(Clean removing is defined as leaving no more than 30% adhesive residue on removal of graphic using standard removal techniques.)

CONDITIONS OF SALE

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

All statements, technical information and recommendations published by Arlon, Inc. relating to DPF 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, Inc. 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, Inc. shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.



NORTH AMERICA

2811 S. Harbor Blvd
Santa Ana, CA 92704
USA

Phone: (714) 540-2811 / (800) 854-0361
Fax: (714) 540-7190 / (800) 329-2756

EUROPE

Badhuisweg 11
2587 CA Den Haag
The Netherlands

Phone: +31 (0) 70 354-4311
Fax: +31 (0) 70 355-7721