

PRODUCT INFORMATION BULLETIN

DPF 9000 Vinyl Film

Engineering Grade Digital Print Pressure Sensitive Film

PRODUCT DESCRIPTION

DPF 9000 is a 3.8-mil 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 marking 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.

AREAS OF USE

- 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 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	0.0054 in	0.14 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	-65°F to 225°F	-54°C to 107° C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	20 mils	0.50 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	2.5 lbs/in	0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	30 g/2 in	12 g/cm

Standard Terms and Conditions Apply

Effective 1998
Revision:06/2007

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CONDITIONS OF SALE

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

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