



The applications are endless...

DPF 4000 Vinyl Film

Engineering Grade Digital Print Pressure Sensitive Film

DPF 4000 is a 3.8-mil satin white, high-tensile, polyvinyl chloride film with medium-tack, permanent pressure-sensitive adhesive. Designed for indoor and outdoor graphics, DPF 4000 is made of 100% polymeric face stock with a special lay-flat liner. DPF 4000 is designed to meet the marking requirements and specifications of the transportation, vending, and automotive industries. The film conforms well to flat surfaces with slight contours when processed and applied according to Arlon recommendations. DPF 4000 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 and container markings and display graphics
- Decorations for railway car, bus, boat, and recreational vehicles, POP displays, vending machines, and architectural graphics

PERFORMANCE AND PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	40-60%	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0053 in	0.13 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	15 mils	0.38 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	4.0 lbs/in	0.71 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 05/09

TERMS AND
CONDITIONS

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