



▶ DPF 4000 Vinyl Film

Engineering Grade Digital Print Pressure Sensitive Film

DPF 4000 is a 3.5-mil (90 micron) satin white, high-tensile, polyvinyl chloride film with medium-tack, permanent pressure-sensitive adhesive. Designed for fleet and container markings as well as 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.

APPLICATIONS

- Fleet and container markings, such as ocean and rail containers, and display graphics.
- Decorations for railway car, bus, boat, recreational vehicles, POP displays, vending machines, architectural, and display graphics.
- Long term indoor and outdoor static signs.

FEATURES

- 7 Year (Unprinted), 100% Polymeric Facestock.
- Solvent Acrylic adhesive.
- Higher density white point and Satin finish producing a richer more vibrant print quality.
- Thicker 96 micron film contributes to greater opacity and greater ease of use.
- Digital printing with a wide variety of direct print systems.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	40% to 60%	
THICKNESS	Micrometer, Federal Bench Type	3.5-mil (90 micron)	
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	

**Standard Terms & Conditions Apply*

PERFORMANCE & PHYSICAL DATA (cont'd)


PROPERTY	TEST METHODS	TYPICAL VALUE	
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

TERMS & CONDITIONS

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