

DPF 2400 Reflective Vinyl Film

Reflective Digital Print Pressure Sensitive Film

DPF 2400 is a 5-mil (125 micron) printable reflective vinyl film with high initial tack and permanent pressure-sensitive adhesive. The film conforms well to both flat and irregular surfaces when processed and applied according to Arlon recommendations. DPF 2400 is rated for outdoor durability up to 7 years (unprinted) for flat surfaces and up to 5 years (unprinted) for irregular surfaces. Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Digital printing with a wide variety of direct print systems
- Motor and railway coaches, fleet and vehicle markings, and any surface requiring reflective vinyl film

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	80 - 90%	
THICKNESS (INCLUDING ADHESIVE)	Micrometer, Federal Bench Type	5-mil (125 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥10.0 lb/in width	≥1.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥110%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F optimum	16°C to 32°C optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-65°F to 160°F	-54°C to 71°C
HUMIDITY RESISTANCE	1. LS-300 Method 4.4.10 2. ASTM-D4956-89	No appreciable effect	
FUNGUS RESISTANCE	1. LS-300 Method 4.4.12 2. ASTM-D4956-89	No appreciable effect	
GASOLINE RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing LS-300 Method 4.4.6	No appreciable effect	
PEEL ADHESION	PSTC-1, 15 min. RT 70°F (21° C)	≥4.4 lbs/in	≥0.78 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (60 cm/min)	40 g/2 in	8 g/cm

*Standard Terms & Conditions Apply

Effective Date 10/11

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TERMS & CONDITIONS

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