



ARLON

▶ DPF 2400 Reflective Vinyl Film

Fleet Grade 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 meets or exceeds the following standards for motor vehicles: ISO 7591-1982, DOT FP-85 - Section 718, and ASTM-D 4956-89, Spec. Type 1, Class 1. It is rated for outdoor durability up to 7 years. Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Ideal for reflective decal applications.
- Motor and railway coaches, fleet and vehicle markings and any surface requiring reflective vinyl film.
- Recommended with dry application methods only.
- World-class printability - Designed for Eco-Solvent and Solvent print systems.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	80 to 90 Gloss Units	
THICKNESS	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	≥ 1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 110%	
SHELF LIFE	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	60°F to 90°F	16°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-65°F to 160°F	-54°C to 71°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	< 10 mils	< 0.254 mm
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. 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

TERMS & CONDITIONS

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