



# ▶ 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 (unprinted) for flat surfaces and up to 5 years (unprinted) for irregular surfaces. Printed durability is dependent on the ink system used.

### APPLICATIONS & FEATURES

- 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	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	80 to 90 Gloss Units	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	5-mil (125 micron)	
<b>TENSILE STRENGTH</b>	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
<b>ELONGATION</b>	Instron Tensile Tester as above	≥ 110%	
<b>SHELF LIFE</b>	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	2 years from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	60°F to 90°F	16°C to 32°C
<b>SERVICE TEMPERATURE RANGE</b>	On clean, dry substrate	-65°F to 160°F	-54°C to 71°C
<b>DIMENSIONAL STABILITY</b>	158°F (70°C), 48 hours	< 10 mils	< 0.254 mm
<b>HUMIDITY RESISTANCE</b>	1. LS-300 Method 4.4.10 2. ASTM-D4956-89	No appreciable effect	
<b>FUNGUS RESISTANCE</b>	1. LS-300 Method 4.4.12 2. ASTM-D4956-89	No appreciable effect	
<b>GASOLINE RESISTANCE</b>	Film applied to etched aluminum panels 24 hours prior to testing LS-300 Method 4.4.6	No appreciable effect	
<b>PEEL ADHESION</b>	PSTC-1, 15 min. 70°F (21° C)	≥ 4.4 lbs/in	≥ 0.78 kg/cm
<b>LINER RELEASE</b>	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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