

▶ DPF 2400

Fleet Grade Reflective Digital Print Pressure Sensitive Film

DPF 2400 is a 125 microns 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	125 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	≥ 1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 110%
SHELF LIFE	Ideal Storage Temperature 21°C and 50% relative humidity	2 years from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	16°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-54°C to 71°C
DIMENSIONAL STABILITY	70°C, 48 hours	< 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. 21° C on Stainless Steel	≥ 0.78 kg/cm
LINER RELEASE	TLMI Release at 90°, 60 cm/min	8 g/cm

DPF 2400 is suitable for reflective vehicle graphic applications. Regulations vary by country, please refer to your National Lighting Regulation for further information.

USA

200 Boysenberry Lane, Placentia, CA 92870
 800 232 7161 / +1 714 985 6300
 +1 714 985 6305

EUROPE

Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
 +31 70 354 4311
 +31 70 355 7721

CHINA

No. 1989 Xinchang Road, Weifang, Shandong, 262400
 +86 0536 6226568




TERMS & CONDITIONS

The following is made in lieu of all warranties expressed or implied:




All statements, technical information and recommendations published by Arlon relating to Arlon products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

April 2020



USA

 200 Boysenberry Lane, Placentia, CA 92870
 800 232 7161 / +1 714 985 6300
 +1 714 985 6305

EUROPE

 Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
 +31 70 354 4311
 +31 70 355 7721

CHINA

 No. 1989 Xinchang Road, Weifang, Shandong, 262400
 +86 0536 6226568