

► Series 2400 Reflective Film

Series 2400: Non-Perforated - Series 2450: Perforated

Series 2400 reflective vinyl is a 135 microns film that provides exceptional flexibility. Ideal for decal signage and vehicle applications, it offers superior cutting and excellent weedability for the widest range of graphics. It is offered in the eight most popular industry colors and is an excellent choice for vehicles and graphics requiring night visibility. This product has an outdoor durability of up to 7 years.

APPLICATIONS & FEATURES

- Superior flexibility
- Lay-flat liner
- 7 year durability - flat and irregular surfaces
- Excellent initial tack and ultimate adhesion
- Meets: DOT FP-85, Section 718 Federal Spec. L-S-300C ASTM-D 4956-89
- Recommended with dry application methods only




PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	80% to 90%
THICKNESS	Micrometer, Federal Bench Type	135 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	≥ 1.0 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 75% • Black ≥ 40%
SHELF LIFE (IN BOX)	Ideal storage temperature 20°C and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	Immersed for 100 hours at 21°C	5°C to 38°C 15°C to 32°C optimum
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-54°C to 71° C
HUMIDITY RESISTANCE	1. LS-300 method 4.410 2. ASTM D4956-89	No appreciable effect
FUNGUS RESISTANCE	1. LS-300 method 4.412 2. ASTM D4956-89	No appreciable effect
GASOLINE RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; immersed 15 minutes at 21°C; stabilized 24 hours before inspection	No appreciable effect
PEEL ADHESION	PSTC-1, 15 min, 21°C	≥ 0.78 kg/cm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	15 g/cm




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

Standard Terms & Conditions Apply



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