

Series 2400/2450 Reflective Film

Series 2400: Non-Perforated - Series 2450: Perforated

Series 2400 reflective vinyl is a 5.3-Mil (135 Micron) 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.

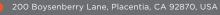
APPLICATIONS & FEATURES

- 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	5-mil (130 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 5.75 lb/in	1.0 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 75% • Black ≥ 40%	
SHELF LIFE (IN BOX)	Ideal storage temperature 70°F (20°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	Immersed for 100 hours at 68°F (21°C)	40°F to 100°F	5°C to 38°C
		60°F to 90°F optimum	15°C to 32°C optimum
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-65°F to 160°F	-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 70°F (21°C); stabilized 24 hours before inspection	No appreciable effect	

Standard Terms & Conditions Apply



PERFORMANCE & PHYSICAL DATA (CONTINUED)

PROPERTY	TEST METHODS	TYPICAL VALUE	
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 4.4 lb/in	≥ 0.78 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	80 g/2 in	15 g/cm

Standard Terms & Conditions Apply

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.

December 2018

