



► 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 five 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
- 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



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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

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TERMS & CONDITIONS

The warranties offered in Arlon’s Standard Terms and Conditions, which are incorporated in full by this reference and are available at https://www.arlon.com/na_en/legal/terms-and-conditions, are made in lieu of all other express or implied warranties.

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