

PRODUCT INFORMATION BULLETIN

Calon[®] Reflecta-Cal Reflective Vinyl Film

Series 2400: Non-Perforated

Series 2450/2459*: Perforated

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| <ul style="list-style-type: none"> ■ Superior Flexibility ■ Lay flat Liner ■ 7-year durability; flat surfaces ■ 5-year durability; irregular surfaces | <ul style="list-style-type: none"> ■ Excellent initial tack and ultimate adhesion ■ Meets: DOT FP-85, Section 718
Federal Spec. L-S-300C
ASTM-D 4956-89 |
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<u>PROPERTY</u>	<u>TEST METHODS</u>	<u>TYPICAL VALUE</u>	
SURFACE FINISH	Gloss Meter 60° Reflection (1) LS-300C Method 4.4.14 (2) ASTM-D4956-89 Method 7.1.1 Ref. – ASTM-D523	80 – 90 units	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	ENGLISH 0.0065 in	METRIC 0.15 mm
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation crosshead speed of 12 in/min. (5.1 mm/s)	≥10.0 lb/in	≥1.8 kg/cm
ELONGATION	Instron Tensile Tester as above	≥110%	
SHELF LIFE	Free from excessive moisture, temperatures, direct sunlight	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean substrate	40°F to 100°F 60°F to 90°F optimum	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	-65°F to 160°F	-55°C to 70° C
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, RT 72°F (23°C)	≥70 oz/in	≥0.8 kg/cm
LINER RELEASE	TLMI 300 in/min (760 cm/min)	40 g/2 in	8 g/cm

*Series 2549 is specifically made for thermal imaging – rolls are splice-free, polybagged.
Standard Terms and Conditions apply

Effective 04/02