



► Series 5000 High Gloss Calendered Vinyl Film

Series 5000: Non-Perforated – Series 5050: Perforated

APPLICATIONS & FEATURES

- Available in 37 colors.
- Easy to handle 2.8-mil (70 micron) calendered film.
- Cutting and weeding performance speeds up your sign production ▲.
- Recommended for flat and soft curved surfaces.
- Gloss finish is excellent for banners, interior and exterior graphics.
- Up to 6-years outdoor durability.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Colors: Gloss Meter 60° Reflection	90%	
	Metallics: Gloss Meter 60° Reflection	70%	
THICKNESS	Micrometer, Federal Bench Type	2.8-mil (70 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	12 lb/in width	2.1 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	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	-40°F to 150°F	-40°C to 65°C
HUMIDITY RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; 100% relative humidity at 100°F (38°C) for 24 hours	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	
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.025 in	0.64 mm nominal
PEEL ADHESION	PSTC-1, 15 min, RT 72°F (23°C)	≥ 40 oz/in	≥ 0.45 kg/cm
LINER RELEASE	TLMI 300 in/min (762 cm/min)	150 g/2 in	30 g/cm
			0.75 n/25 mm

▲ For optimal weeding, font size must be 1 inch or greater.
 *Standard Terms & Conditions Apply

TERMS & CONDITIONS

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