



# ► Series 5000 High Gloss Calendered Vinyl Film

## Series 5000: Non-Perforated – Series 5050: Perforated

Series 5000 is an ultra thin 2.8-mil (70 micron) calendered film and is one of the most pliable calendered films on the market. The product has a high gloss finish, and is ideal for signs, graphics or displays requiring vibrant color. This film is available in 37 bright colors and provides excellent cutting and weeding for improved productivity and has an outdoor durability rating of up to 6 years.

### 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\*
- Contrasting blue liner on white makes for optimal cutting & weeding
- 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	
<b>SURFACE FINISH</b>	Colors: Gloss Meter 60° Reflection	75 to 85 Gloss Units	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	2.8-mil (70 micron)	
<b>TENSILE STRENGTH</b>	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
<b>ELONGATION</b>	Instron Tensile Tester as above	≥ 150%	
<b>SHELF LIFE</b>	Free from excessive moisture, temperature, direct sunlight	1 year from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	60°F to 90°F optimum	15°C to 32°C optimum
<b>SERVICE TEMPERATURE RANGE</b>	Film applied to etched aluminum panels 24 hours prior to testing	-40°F to 150°F	-40°C to 65°C
<b>HUMIDITY RESISTANCE</b>	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	
<b>GASOLINE RESISTANCE</b>	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	
<b>DIMENSIONAL STABILITY</b>	158°F (70°C), 48 hours	0.025 in	0.64 mm nominal
<b>PEEL ADHESION</b>	PSTC-1, 15 min, RT 72°F (23°C)	≥ 40 oz/in	≥ 0.45 kg/cm
<b>LINER RELEASE</b>	TLMI 300 in/min (762 cm/min)	150 g/2 in	30 g/cm 0.75 n/25 mm

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

## TERMS & CONDITIONS

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