

► Series 5000 High Gloss Polymeric Vinyl Film

Series 5000: Non-Perforated – Series 5050: Perforated

Series 5000 is an ultra thin 70 microns polymeric 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 70 microns 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
SURFACE FINISH	Colors: Gloss Meter 60° Reflection	75 to 85 Gloss Units
THICKNESS	Micrometer, Federal Bench Type	70 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	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	15°C to 32°C optimum
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	-40°C to 65°C
HUMIDITY RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; 100% relative humidity at 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 21°C; stabilized 24 hours before inspection	No appreciable effect
DIMENSIONAL STABILITY	70°C, 48 hours	0.64 mm nominal
PEEL ADHESION	PSTC-1, 15 min, RT 23°C	≥ 0.45 kg/cm
LINER RELEASE	TLMI 762 cm/min	30 g/cm 0.75 n/25 mm

Standard Terms & Conditions Apply

* For optimal weeding, font size must be 2.5 cm or greater

USA

200 Boysenberry Lane, Placentia, CA 92870
 800 232 7161 / +1 714 985 6300
 +1 714 985 6305

EUROPE

Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
 +31 70 354 4311
 +31 70 355 7721

CHINA

No. 1989 Xinchang Road, Weifang, Shandong, 262400
 +86 0536 6226568




TERMS & CONDITIONS

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