ARLON

PRODUCT INFORMATION BULLETIN

Series 5800X Vinyl Film

High Gloss Calendered Film

Series 5800X is a 80 micron polymeric calendered air-egress film and is one of the most pliable calendered films on the market. With an air-egress PET liner which allows for a high gloss finish, this product is ideal for signs, graphics or displays requiring vibrant high-gloss color. This film is available in 50 bright colors and provides excellent cutting and weeding for improved productivity and has an outdoor durability rating of up to 7 years.

APPLICATIONS & FEATURES

- Available in 50 colors
- Easy to handle 3.2-mil (80 micron) calendered film
- Excellent cutting and weeding performance down to 12,7 mm
- Recommended for flat and soft curved surfaces
- High gloss finish is excellent for interior and exterior graphics
- Up to 7-years outdoor durability

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss Meter 60° Reflection	≥ 80 Gloss Units (Gloss) ≥ 25 Gloss Units (Matte)
THICKNESS	Micrometer, Federal Bench Type	80 microns
TENSILE STRENGTH	ASTM D 882 / ACTM 2 Tensile Tester 51 mm jaw seperation; crosshead speed of 5.1 mm/s	≥ 18 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%
SHELF LIFE (IN BOX)	Ideal storage temperature 21°C and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	10°C to 30°C Optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-29°C to 65°C
DIMENSIONAL STABILITY	ATM 027 / ACTM 8	0.64 mm nominal
PEEL ADHESION	FTM 1 / ACTM 1	≥0.35 kg/cm

Standard Terms & Conditions Apply

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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/eu_en/legal/terms-and-conditions-eu_en, are made in lieu of all other express or implied warranties.

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