



ARLON

▶ DPF 510GTX/MTX Vinyl Film

Digital Print Pressure-Sensitive Vinyl Film

DPF 510GTX/MTX is a 3.2-mil (80 micron) calendered film with a tinted, solvent-based pressure-sensitive adhesive and a low profile air-egress, lay-flat liner. X-Scape Technology® enables trapped air to escape through the air channels for an speedy installation and a smooth finished graphic. The high-quality adhesive provides far superior adhesion and cohesion properties than water-based adhesive. DPF 510GTX/MTX is available in a gloss and matte finish. DPF 510 is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- X-Scape Technology® for easy installation and a smooth finish
- Short-term promotional and display graphics
- Excellent printability on Eco-Solvent, Solvent and Latex print systems.
- Ideal for interior and exterior applications on flat surfaces.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	70 to 90 Gloss Units (Gloss) Up to 30 Gloss Units (Matte)	
THICKNESS	Micrometer, Federal Bench Type	3.2-mil (80 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	≥ 2.14 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	50°F to 90°F	10°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-20°F to 150°F	-29°C to 65°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	10-mil	0.25 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 1.50 lb/in	≥ 0.26 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	70 g/2 in	13.8 g/cm

Standard Terms & Conditions Apply

TERMS & CONDITIONS

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