DPF 510 High Tack Vinyl Film

Digital Print Pressure-Sensitive High Tack Vinyl Film

DPF 510 High Tack is a 3.2-mil (80 micron) calendered film with a clear or tinted, solvent-based, pressure-sensitive, high tack adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high tack adhesive provides superior adhesion for multi-purpose signage applications. DPF 510 High Tack is available in a white gloss finish (DPF 510G-HT or DPF 510GT-HT) and white matte finish (DPF 510M-HT or DPF 510MT-HT). DPF 510 High Tack is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Short-term promotional and display graphics.
- Barricade graphics, tradeshow signage or construction 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	≥ 10.0 lb/in	≥ 1.8 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	≥ 50-mil	≥ 1.27mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 4 lb/in	≥ 0.71 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	35 g/2 in	7.0 g/cm

Standard Terms & Conditions Apply

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TERMS & CONDITIONS

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