



► DPF 510GT/MT

Digital Print Pressure-Sensitive Vinyl Film

DPF 510GT/MT is a 3.2-mil (80 micron) calendered film with a tinted, solvent-based pressure-sensitive adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high-quality tinted adhesive provides far superior adhesion and cohesion properties than water-based adhesive and added opacity to ensure your graphic is vibrant.

DPF 510GT/MT is available in a white gloss and white 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

- Short-term promotional and display graphics, including kiosks, POP displays, real estate signage, and interior floor graphics*
- Excellent printability on Eco-Solvent, Solvent, UV and Latex print systems.
- Ideal for interior and exterior applications on flat surfaces.

Certified for
HP Latex Inks

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	75 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 lb/in	1.88 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	≤ 40 mil	≤ 1.0 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	2.00 lb/in	0.36 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	5-20 g/in	1.97-7.87 g/cm

Standard Terms & Conditions Apply

*When used with Series 3220 Gloss or Series 3420 Gloss/Matte

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FLOOR APPLICATIONS

DPF 510GT/MT is recommended for short-term interior floor applications when used with either Series 3220 Gloss or Series 3420 Gloss and Matte, which are approved under UL 410 regulation for slip-resistance for Floor Graphic Materials. To determine the best product for application Arlon always recommends testing prior to using the above products on the actual surface as product performance can vary greatly depending on the surface type, level of foot traffic, elemental exposure, carpet type, and floor condition. Due to these variables, Arlon only warrants the material(s) for standard manufacturers defect and is unable to offer a warranty for the performance or clean removability of these products for floor graphic applications.




Please refer to Arlon's [Installation Guide](#) for detailed techniques and best practices.

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

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