

► DPF 510GT/MT

Digital Print Pressure-Sensitive Vinyl Film

DPF 510GT/MT is a 100 microns monomeric film with a gray, solvent-based pressure-sensitive adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high-quality adhesive provides far superior adhesion and cohesion properties than water-based adhesive. DPF 510GT/MT is available in a white gloss finish. DPF 510GT/MT 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




**When used with Series 3510 Matte.*

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	100 microns
TENSILE STRENGTH	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	≥ 2.7 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 200%
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 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-29°C to 65°C
DIMENSIONAL STABILITY	70°C, 48 hours, on aluminum panel	0.25 mm
PEEL ADHESION	PSTC-1, 15 min, 21°C	0.36 kg/cm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	7.9 g/cm

Standard Terms & Conditions Apply



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FLOOR APPLICATIONS

DPF 510GT/MT is recommended for short-term interior floor applications such as smooth floors, sealed concrete, ceramic tile, waxed vinyl flooring, sealed wood, marble and terrazzo, when used with Series 3510 Matte, which is approved under the European Standard Certification EN 14041 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 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.

EN 14041 - Resilient, textile and laminate floor coverings




Determination of the anti-slip properties (EN 14041) : Determination of the dynamic coefficient of friction of floor materials in accordance with EN 14041.

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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