



ARLON

DPF 510G / M / GT / MT

DPF 510 delivers a consistent, vibrant print quality at an unbeatable value for your short-term applications. The two sided, lay-flat polycoated liner ensures that the vinyl will not curl under heavy heat from printers, is resistant to high humidity and makes your graphic easier to handle and install. DPF 510 has consistent ink receptivity across most print systems. The permanent adhesive ensures a lasting impact for your everyday promotional graphics and can be used with dry or wet applications. Combine DPF 510 with Series 3510 overlamine for an easier installation and abrasion resistance.

Unique Features:

- ▶ Lay-Flat Polycoated Liner
- ▶ Consistent Print Quality
- ▶ Solvent Based Adhesive

Applications:



- ▶ Standard Signage (Permanent)
- ▶ Display Graphics





Performance & Physical Data

Finish:	Gloss / Matte
Durability (Unprinted):	3 Years
Roll Widths:	30"* (0,76 m) 54" (1,37 m) 60" (1,52 m)
Roll Lengths:	50 Yards (45,72 m)
Adhesive:	Permanent (Clear or Tinted)
Release Liner:	Lay-Flat Polycoated
Ink Compatibility:	Eco-Solvent Solvent Latex
Compatible Overlamine:	Series 3510

*30" (0,76 m) width only available in DPF 510GT



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August 2017



▶ DPF 510 Vinyl Film

Digital Print Pressure-Sensitive Vinyl Film

DPF 510 is a 3.2-mil (80 micron) calendered film with a clear or tinted, 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 510 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 and real estate signage.
- 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	≥ 15.0 lb/in	≥ 2.7 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 200%	
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)	≥ 2.00 lb/in	≥ 0.36 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	40 g/2 in	7.9 g/cm





Standard Terms & Conditions Apply








TERMS & CONDITIONS

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January 2016

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