



ARLON

DPF 510GTX / MTX

DPF 510GTX/MTX delivers a consistent, vibrant print quality at an unbeatable value for your short-term applications. X-Scape Technology® provides a bubble-free installation with a smooth, paint-like finish that installers value for promotional graphics, vehicle wraps*, and more. DPF 510GTX/MTX has consistent ink receptivity across most print systems for a vibrant, high-quality finished graphic. The light gray, permanent adhesive allows for easy installation while ensuring enough opacity for covering existing graphics. Combine DPF 510GTX/MTX with Series 3510 overlaminate for added abrasion resistance.

**DPF 510GTX/MTX is not warranted for vehicle wraps, however customers have had success applying it on simple to moderate curves in vehicle wrap applications as well as vehicle decals.*

Unique Features:

- ▶ Low Profile X-Scape Technology® for Easy, Bubble-Free Installations
- ▶ Exceptional, Vibrant Print
- ▶ Consistent Performance with High Heat Printers

Applications:

- ▶ Short-Term Interior or Exterior Signage
- ▶ POP / Trade Show Graphics
- ▶ Decals
- ▶ Partial Vehicle Graphics*

X-Scape
TECHNOLOGY



Performance & Physical Data

Finish:	Gloss / Matte
Durability (Unprinted):	3 Years
Roll Widths:	54" (1,37 m) 60" (1,52 m)
Roll Lengths:	50 Yards (45,72 m)
Adhesive:	Permanent (Tinted)
Release Liner:	Lay-Flat Polycoated with Low Profile X-Scape Technology®
Ink Compatibility:	Eco-Solvent Solvent UV+ Latex
Compatible Overlaminate:	Series 3510

+DPF 510GTX/MTX is not warranted for UV inks, however customers have had success printing on the DPF 510 product line with UV ink systems.

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► 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

The following is made in lieu of all warranties expressed or implied:

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