



# ▶ DPF 510GTR / MTR Vinyl Film

## Digital Print Pressure-Sensitive Vinyl Film

DPF 510GTR / MTR is a 3.2-mil (80 micron) calendered film with a tinted, solvent-based pressure-sensitive removable adhesive. The two-sided polycoated liner provides excellent lay-flat properties. DPF 510 is available in a white gloss (DPF 510GTR) and white matte finish (DPF 510MTR). DPF 510 is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used.

### APPLICATIONS & FEATURES

- Low tack adhesive is removable up to one year
- Short-term promotional and display graphics, including windows, decals, tradeshow, POP displays, and interior floor graphics\*
- Excellent printability on Eco-Solvent, Solvent 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	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	70 to 90 Gloss Units (Gloss) Up to 30 Gloss Units (Matte)	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	3.2-mil (80 micron)	
<b>TENSILE STRENGTH</b>	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
<b>ELONGATION</b>	Instron Tensile Tester as above	≥ 200%	
<b>SHELF LIFE (IN BOX)</b>	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	50°F to 90°F	10°C to 32°C
<b>SERVICE TEMPERATURE RANGE</b>	On clean, dry substrate	-20°F to 150°F	-29°C to 65°C
<b>DIMENSIONAL STABILITY</b>	158°F (70°C), 48 hours	≥ 40-mil	≥ 1.00mm
<b>PEEL ADHESION</b>	PSTC-1, 15 min, 70°F (21°C)	≥ 0.50 lb/in	≥ 0.09 kg/cm
<b>LINER RELEASE</b>	TLMI Release at 90°, 300 in/min (760 cm/min)	110 g/2 in	21.7 g/cm

Standard Terms & Conditions Apply  
\*When used with Series 3220 Gloss or Series 3420 Gloss

## FLOOR APPLICATIONS

DPF 510GTR/MTR High Tack is recommended for short-term interior floor applications when used with either Series 3220 Gloss or Series 3420 Gloss, 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 following is made in lieu of all warranties expressed or implied:*

All statements, technical information and recommendations published by Arlon relating to Arlon products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

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