



► 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 | |
|-------------------------------|--|--|---------------|
| 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 | ≥ 10.0 lb/in | ≥ 1.8 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 | ≥ 40-mil | ≥ 1.00mm |
| PEEL ADHESION | PSTC-1, 15 min, 70°F (21°C) | ≥ 0.50 lb/in | ≥ 0.09 kg/cm |
| LINER RELEASE | 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 3510 Matte

USA

- a 200 Boysenberry Lane, Placentia, CA 92870
- p 800 232 7161 / +1 714 985 6300
- f +1 714 985 6305

EUROPE

- a Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands
- p +31 70 354 4311
- f +31 70 355 7721

CHINA

- a No. 1989 Xinchang Road, Weifang, Shandong, 262400
- p +86 0536 6226568

FLOOR APPLICATIONS

DPF 510GTR/MTR is recommended for short-term interior floor applications when used with Series 3510 Matte, which is classified under AS 4586:2013 Slip Resistance Classification of New Pedestrian Surface Materials. Appendix A: Class P3, Appendix B: Class D1. 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:




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