



ARLON

## ▶ 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  |               |
|--------------------------------------|--|--|---------------|
| <b>SURFACE FINISH</b>                | Gloss Meter 60° Reflection   | 70 to 90 Gloss Units (Gloss)<br>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 | ≥ 12 lb/in   | ≥ 2.14 kg/cm  |
| <b>ELONGATION</b>                    | Instron Tensile Tester as above  | ≥ 150%   |               |
| <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   | 10-mil   | 0.25 mm       |
| <b>PEEL ADHESION</b>                 | PSTC-1, 15 min, 70°F (21°C)  | ≥ 1.50 lb/in   | ≥ 0.26 kg/cm  |
| <b>LINER RELEASE</b>                 | TLMI Release at 90°, 300 in/min (760 cm/min)   | 70 g/2 in  | 13.8 g/cm     |

Standard Terms & Conditions Apply

## TERMS & CONDITIONS

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