



## ► DPF 510GTX/MTX-HT Vinyl Film

### Digital Print Pressure-Sensitive High Tack Vinyl Film

DPF 510 is a 3.2-mil (80 micron) calendared film with a tinted, solvent-based, high tack adhesive and a low-profile air-egress, lay-flat liner. The high tack adhesive provides superior adhesion for multi-purpose signage applications while with X-Scape Technology, it ensures smooth and easy bubble-free installation. This film provides uniform ink receptivity across most printing systems, resulting in vibrant, high-quality graphics. Its light gray adhesive also provides opacity to cover existing graphics. For enhanced abrasion resistance, pair DPF 510GTX-HT with Series 3510 overlaminate. DPF510GTX-HT is rated for outdoor durability up to 3 years (unprinted).

### APPLICATIONS & FEATURES

- X-Scape Technology® allows for easy and speedy installation
- Short-term promotional and display graphics.
- Barricade graphics, tradeshow signage or construction graphics.
- Excellent printability on Eco-Solvent, Solvent, and Latex print systems.
- Ideal for interior and exterior applications on flat surfaces.
- Fire certified for Australian Fire Standard AS 5637

### PERFORMANCE & PHYSICAL DATA

| PROPERTY                      | TEST METHODS  | TYPICAL VALUE  |                |
|-------------------------------|---|--|----------------|
| SURFACE FINISH                | Gloss Meter 60° Reflection                                      | ≥ 75 Gloss Units (Gloss)<br>≤ 15 Gloss Units (Matte) |                |
| THICKNESS                     | Micrometer, Federal Bench Type                                  | 3.2 mil (80 microns)                                 |                |
| TENSILE STRENGTH              | ASTM D882   | ≥ 9.0 lb/in  | ≥ 1.6 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   | 32°F to 85°F   | 0°C to 30°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 aging                                    | < 100 mil  | <2.54 mm       |
| PEEL ADHESION                 | FTM 1, 15 min, RT 72°F (23°C)                                   | ≥ 4 lb/in  | ≥ 0.71 kg/cm   |
| LINER RELEASE                 | FTM 3   | 5-20 g/in  |                |

Standard Terms & Conditions Apply

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TERMS AND CONDITIONS

The warranties offered in Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at [https://www.arlon.com/na\\_en/legal/terms-and-conditions](https://www.arlon.com/na_en/legal/terms-and-conditions), are made in lieu of all other express or implied warranties."

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