



▶ DPF 510-HT Vinyl Film

Digital Print Pressure-Sensitive High Tack Vinyl Film

DPF 510 is a 3.2-mil (80 micron) calendered film with a tinted, solvent-based, pressure-sensitive, high tack adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high tack adhesive provides superior adhesion for multi-purpose signage applications. DPF 510 is available in a white gloss finish (DPF 510GT-HT). DPF 510 is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- 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.

PERFORMANCE & PHYSICAL DATA

| PROPERTY | TEST METHODS | TYPICAL VALUE | |
|--------------------------------------|--|------------------------------|---------------|
| SURFACE FINISH | Gloss Meter 60° Reflection | 70 to 90 Gloss Units (Gloss) | |
| 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 | ≥ 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 | ≥ 50-mil | ≥ 1.27mm |
| PEEL ADHESION | PSTC-1, 15 min, 70°F (21°C) | ≥ 4 lb/in | ≥ 0.71 kg/cm |
| LINER RELEASE | TLMI Release at 90°, 300 in/min (760 cm/min) | 35 g/2 in | 7.0 g/cm |

Standard Terms & Conditions Apply





TERMS & CONDITIONS

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February 2018

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