



The applications are endless...

# DPF 8000 Vinyl Film

## Engineering Grade Digital Print Pressure Sensitive Film

DPF 8000 is a 3.8-mil satin white, high-tensile, polyvinyl chloride film with aggressive, permanent pressure-sensitive adhesive. Designed for indoor and outdoor graphics, DPF 8000 is made of 100% polymeric face stock with a special lay-flat liner. The special adhesive system is designed to stick to “hard-to-stick” surfaces and low energy surfaces. DPF 8000 is designed to meet the marking requirements and specifications of the transportation, vending, and automotive industries. The film conforms well to flat surfaces with slight contours when processed and applied according to Arlon recommendations. DPF 8000 is rated for outdoor durability up to 7 years (unprinted). Printed durability is dependent on the ink system used.

### AREAS OF USE

- Digital printing with a wide variety of direct print systems
- Polyolefin plastic surfaces such as polyethylene, polypropylene, polyurethane, etc.
- Application in cold temperature environments
- Highly textured and/or low-energy surfaces

### PERFORMANCE AND PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	40-60%	
<b>THICKNESS (including adhesive)</b>	Micrometer, Federal Bench Type	0.0053 in	0.13 mm
<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	13.0 lb/in width	2.3 kg/cm width
<b>ELONGATION</b>	Instron Tensile Tester as above	100%	
<b>SHELF LIFE</b>	Free from excessive moisture, temperature, direct sunlight	1 year from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	30°F to 80°F optimum	-1°C to 27°C optimum
<b>SERVICE TEMPERATURE RANGE</b>	On clean, dry substrate	-65°F to 225°F	-54°C to 107°C
<b>DIMENSIONAL STABILITY</b>	158°F (70°C), 48 hours	≥50 mils	≥1.27 mm
<b>PEEL ADHESION</b>	PSTC-1, 15 min, RT 70°F (21°C)	5.0 lbs/in	0.89 kg/cm
<b>LINER RELEASE</b>	TLMI Release at 90°, 300 in/min (760 cm/min)	30 g/2 in	12 g/cm

Standard Terms and Conditions Apply

Effective 1/09

TERMS AND  
CONDITIONS

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