

## PRODUCT INFORMATION BULLETIN

# DPF 4500G Vinyl Film

## Intermediate Calendered Digital Print Pressure Sensitive Film

### PRODUCT DESCRIPTION

DPF 4500G is a 3-mil gloss white calendered film with permanent pressure-sensitive adhesive. Designed for indoor and outdoor promotional graphics, DPF 4500G is made of 100% polymeric face stock with a clay-coated kraft liner. The special glossy face stock is designed for applications requiring High Gloss or more image "pop." DPF 4500G is rated for outdoor durability up to 5 years (unprinted). Printed durability is dependent on the ink system used.

### AREAS OF USE

- Digital printing with a wide variety of direct print systems, including Encad® VinylJet™
- Promotional and merchandising graphics
- Shorter-term signage, kiosks, POP displays, real estate signage, transit graphics, fleet or vehicle markings and decals

### PERFORMANCE AND PHYSICAL DATA

<u>PROPERTY</u>	<u>TEST METHODS</u>	<u>TYPICAL VALUE</u>	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	80-90%	
<b>THICKNESS</b> (including adhesive)	Micrometer, Federal Bench Type	0.0043 in	0.11 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	≥150%	
<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	60°F to 90°F optimum	16°C to 32°C optimum
<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	25 mils	0.64 mm
<b>PEEL ADHESION</b>	PSTC-1, 15 min, RT 70°F (21°C)	2.5 lbs/in	0.45 kg/cm
<b>LINER RELEASE</b>	TLMI Release at 90°, 300 in/min (760 cm/min)	100 g/2 in	39 g/cm

## **CONDITIONS OF SALE**

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*The following is made in lieu of all warranties expressed or implied:*

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