



The applications are endless...

DPF 6000XRP Vinyl Film

With X-scape Technology

Premium Cast Digital Print Pressure Sensitive Vinyl Film

DPF 6000XRP is a 2-mil gloss white cast film with bubble releasing, tinted, repositionable, permanent pressure-sensitive adhesive. The X-scape system allows installers to achieve speedy installation while maintaining a high enough tack to ensure long term bond. Designed for large format graphics, DPF 6000XRP is made of premium quality cast face stock with a lay-flat liner. The adhesive system is designed to provide excellent opacity, as well as easy installation. The film provides superior conformability around rivets, curves, and contours. DPF 6000XRP 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
- Fleet and vehicle applications
- Used in conjunction with Series 3200, 3220, 3230, or 3350 overlaminate
- Note that Series 3350 and DPF 6000XRP are not warranted for compound curves

PERFORMANCE AND PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	70-90%	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0032 in	0.08 mm
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 4.5 lb/in width	≥ 0.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	2 years from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate (flat)	40°F to 100°F optimum	4.4°C to 38°C
	On clean, dry substrate (corrugated with rivets and channels)	60°F to 100°F optimum	15°C to 38°C optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 175°F	-40°C to 79°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.010 in	0.24 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	≥ 2.5 lbs/in	≥ 0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	80 g/2 in	32 g/cm

*Standard Terms and Conditions Apply

Effective 06.09

ADHESION/CHEMICAL CHARACTERISTICS

ADHESION CHARACTERISTICS**

ENGLISH UNITS NOMINAL

CHEMICAL REACTION RESISTANCE

SUBSTRATES

Lb / in width

Kg / cm

CHEMICAL AGENTS

EXPOSURE
TIME

RESULTS

ETCHED ALUMINUM

N/A

N/A

TAP WATER

N/A

No Effect

ANODIZED ALUMINUM

N/A

N/A

CHROME

N/A

N/A

ACRYLIC ENAMEL

N/A

N/A

SAE 20 MOTOR OIL

N/A

No Effect

ACRYLIC LACQUER

N/A

N/A

JP-4 FUEL

N/A

No Effect

ABS

N/A

N/A

10% HCL

N/A

No Effect

10% AMMONIUM HYDROXIDE

N/A

No Effect

VM & P NAPHTHA

N/A

No Effect

MINERAL SPIRITS

N/A

No Effect

METHANOL
(Methyl Alcohol)

N/A

No Effect

OPTIMUM PERFORMANCE

Actual weathering durability depends on surface preparation, surface maintenance and exposure conditions. Successful weather resistance is characterized by the retention of legibility.

DPF 6000XRP will resist weathering best when applied to vertical or upper outboard angles. Horizontal angles, such as hood and auto roof surfaces, will deteriorate more quickly than vertical. This is due to increased exposure to sun and moisture, as well as high deposition of dirt and atmospheric contaminants. Arlon does not recommend its film for horizontal or close horizontal applications.

Use heat and/or chemical when removing image from vehicle (see Installer Handbook for details.)

TERMS AND CONDITIONS

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

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