



► DPF 6000RP White

Premium Cast Digital Print Pressure-Sensitive Vinyl Film

DPF 6000RP White is a 2-mil (50 microns) gloss cast film with tinted, clean removing, high tack, permanent pressure-sensitive adhesive. Designed for large format graphics, DPF 6000RP White is made of premium quality cast facestock with a special lay-flat liner. The special adhesive system is designed to provide excellent opacity, as well as easy installation. The film provides superior conformability around rivets, curves, contours and channels. DPF 6000RP White is rated for outdoor durability up to 10 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Digital printing with a wide variety of direct print systems
- Fleet and vehicle applications, Window Graphics, Wall Graphics (Interior), Multipurpose Commercial
- Warrantied for use on rivets, corrugations and channel structures*
- Used in conjunction with Series 3200, Series 3210, Series 3220, Series 3270, Series 3310 or Series 3350 overlaminates
- Certified for Europe Rail External Application in Combination with Series 3350

*Channel applications should be installed using Arlon's approved installation methods found at www.arlon.com and www.wrapitright.com. DPF 6000RP and Series 3350 are not warranted around compound curves

Certified for
HP Latex Inks

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	2-mil (50 microns)	
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	≥ 1.25 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 150%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	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	0.015 in	0.38 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 2.5 lb/in	≥ 0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	30 g/2 in	12 g/cm

NOTE: Recommended post-heat surface temperature of vinyl installed: 203°F to 221°F (95°C to 105°C). Post-heat must be applied gradually and approximately 13 cm from the film in order to avoid the matte from turning glossy. The recommended post-heat temperature applies to the media & matte overlaminate wrap. Standard Terms & Conditions Apply

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RAIL EXTERNAL APPLICATION

DPF 6000RP White is certified for Europe overland rail external application in combination with Series 3350 overlamine, in accordance with BS 6853 1999 Annex D8.4 & BS 476 Part 7:

TEST METHOD	RESULT	Acceptability Criteria
		Cat Ib
FLAME SPREAD	Class 1 (nil spread)	Class 1
SMOKE EMISSION	A0(ON) = 5.82 A0(OFF) = 6.22	A0(ON) < 7.0 A0(OFF) < 10.5
TOXIC FUME EMISSION	R = 0.054	R < 2.7

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 6000RP White 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 & CONDITIONS

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




All orders and purchases made in connection with this document are governed and limited by Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at https://www.arlon.com/eu_en/legal/terms-and-conditions or in hardcopy by request.

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