ARLON

PRODUCT INFORMATION BULLETIN

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DPF 4500GLX/MLX

Intermediate Calendered Digital Print Pressure-Sensitive Vinyl Film with X-Scape Technology®

DPF 4500GLX/MLX is constructed of a 3-mil (75 micron) white calendered film offered in gloss or matte and coated with tinted, bubble releasing, permanent pressure-sensitive adhesive. The LX (Low Profile) X-Scape System allows installers to achieve speedy installation while maintaining high enough tack to ensure long-term bond. The polymeric facestock allows for vibrant prints combined with ease of application for short and medium-term graphics.
DPF 4500GLX/MLX is rated for outdoor durability up to 5 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Digital printing with a wide variety of direct print systems
- Short to medium-term signage, POP displays, flat surfaces, kiosks and tradeshows*
- Compatible with Series 3220, Series 3170, and Series 3420 overlaminates

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	80 to 90 Gloss Units (Gloss) 10 to 15 Gloss Units (Matte)	
THICKNESS	Micrometer, Federal Bench Type	3-mil (75 micron)	
TENSILE STRENGTH	Tensile Tester 2-in (51mm) jaw seperation; crosshead speed of 12 in/min. (5.1 mm/s)	13 lb/in	2.3 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 170%	
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	Shrinkage After 158°F (70°C), 48 hours aging	0.025 in	0.64 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)	60 g/2 in	11.81 g/cm

*Recommended to test compatibility on raw & primed MDO prior to installation due to variation in substrate properties

Standard Terms & Conditions Apply

TERMS & CONDITIONS

The warranties offered in Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at https://www.arlon.com/na_en/legal/terms-and-conditions, are made in lieu of all other express or implied warranties.

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