

## ▶ DPF 510

### Digital Print Pressure-Sensitive Vinyl Film

DPF 510 is a 100 microns monomeric film with a clear, solvent-based pressure-sensitive adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high-quality adhesive provides far superior adhesion and cohesion properties than water-based adhesive. DPF 510 is available in a white gloss finish and matte finish. DPF 510 is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used.

### APPLICATIONS & FEATURES

- Short-term promotional and display graphics, including kiosks, POP displays and real estate signage
- Excellent printability on Eco-Solvent, Solvent and Latex print systems
- Ideal for interior and exterior applications on flat surfaces

### PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	70 to 90 Gloss Units (Gloss) Up to 30 Gloss Units (Matte)
<b>THICKNESS</b>	Micrometer, Federal Bench Type	100 microns
<b>TENSILE STRENGTH</b>	Tensile Tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	≥ 2.7 kg/cm
<b>ELONGATION</b>	Instron Tensile Tester as above	≥ 200%
<b>SHELF LIFE (IN BOX)</b>	Ideal Storage Temperature 21°C and 50% relative humidity	1 year from factory shipment
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate	10°C to 32°C
<b>SERVICE TEMPERATURE RANGE</b>	On clean, dry substrate	-29°C to 65°C
<b>DIMENSIONAL STABILITY</b>	70°C, 48 hours, on aluminum panel	0.25 mm
<b>PEEL ADHESION</b>	PSTC-1, 15 min, 21°C	0.36 kg/cm
<b>LINER RELEASE</b>	TLMI Release at 90°, 760 cm/min	7.9 g/cm

Standard Terms & Conditions Apply

#### USA

200 Boysenberry Lane, Placentia, CA 92870  
 800 232 7161 / +1 714 985 6300  
 +1 714 985 6305

#### EUROPE

Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands  
 +31 70 354 4311  
 +31 70 355 7721

#### CHINA

No. 1989 Xinchang Road, Weifang, Shandong, 262400  
 +86 0536 6226568

## TERMS & CONDITIONS

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

All statements, technical information and recommendations published by Arlon relating to Arlon products are based on tests believed to be reliable and within the accuracy of the equipment used to obtain the specific values. Their accuracy or completeness is not guaranteed and Arlon makes no warranty with regard thereto. Seller's and manufacturer's only responsibility shall be to replace any quantity of the product proved defective. Seller and manufacturer shall not be liable for injury, loss or damage, direct or consequential, arising out of use or the inability to use the product. Nor shall seller or manufacturer be liable for any costs or expenses incurred in the processing or printing on the product. Before using, user shall determine the suitability of the product for its intended use. User assumes all risk and liability of every nature in connection therewith. No statements or recommendations other than those contained in the technical information published by Arlon shall have force or effect unless contained in an agreement manually signed by the officers of seller and manufacturer.

April 2020

### USA

 200 Boysenberry Lane, Placentia, CA 92870

 800 232 7161 / +1 714 985 6300

 +1 714 985 6305

### EUROPE

 Dr. Lelykade 22B, 2583CM Den Haag, The Netherlands

 +31 70 354 4311

 +31 70 355 7721

### CHINA

 No. 1989 Xinchang Road, Weifang, Shandong, 262400

 +86 0536 6226568