



## ▶ DPF 8000™ Clear

### Industrial Grade Multi-Purpose Polymeric Film For Hard-To-Stick Surfaces

DPF 8000™ Clear is a 75 microns luster clear vinyl film with an aggressive permanent pressure-sensitive adhesive. Designed for indoor and outdoor graphics, DPF 8000™ Clear is made of an engineering-grade face stock with a polycoated lay-flat liner. The special adhesive is designed to stick to “hard-to-stick” and low energy surfaces. The film is designed for applications on flat surfaces when processed and applied according to Arlon recommendations.

DPF 8000™ Clear is rated for outdoor durability up to 5 years (unprinted). Printed durability is dependent on the ink system used.

### APPLICATIONS & FEATURES




- Digital printing on a wide variety of direct print systems
- Polyolefin plastic surfaces such as polyethylene, polypropylene, polyurethane, etc
- Low energy surfaces

### PERFORMANCE & PHYSICAL DATA




PROPERTY	TEST METHODS	TYPICAL VALUE
SURFACE FINISH	Gloss meter 60° reflection	45%
THICKNESS	Micrometer, Federal Bench Type	3-mil (75 microns)
TENSILE STRENGTH	Tensile tester with 51 mm jaw separation; crosshead speed of 5.1 mm/s, web direction	2.68 kg/cm width
ELONGATION	Instron tensile tester as above	150%
SHELF LIFE	Ideal storage temperature 21°C and 50% relative humidity	1 year from factory shipment
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	16°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-29°C to 65°C
DIMENSIONAL STABILITY	70°C, 48 hours	1270-3810 microns
PEEL ADHESION	PSTC-1, 15 min, 21°C	0.893 kg/cm
LINER RELEASE	TLMI Release at 90°, 760 cm/min	9.8 g/cm

Standard Terms & Conditions Apply



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## PREPARATION & INSTALLATION

DPF 8000™ Clear owes its very high bond to the softness of the adhesive. The trade off for high tack and adhesion is to expect higher visible shrinkage than normal. As a result, it is best practice to not leave the printer unattended when printing to avoid headstrikes due to adhesive build up on the film edges over time. Click here to see the WrapItRight video: Preventing Adhesive Build-Up When Printing with Arlon DPF 8000. When decorating DPF 8000™ Clear with screen or digital printing the solvent involved will penetrate both the vinyl and adhesive at the time of printing. If the printing solvents aren't completely removed before installation the resultant graphic will show very high shrinkage and edge curl. When printing this product be vigilant about drying the finished decal completely before laminating, top coating or installing.




## TERMS & CONDITIONS

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