

# Consumer Durables

Exterior Durable  
Gloss Topcoated White Polypropylene  
Air Egress Sheet Form Liner

*End Use Applications:*  
Compliance Labels  
Warning & Instructional Labels  
Nameplates  
Brand Identity Labels

*Markets including:*  
Appliance  
Heavy/Outdoor Equipment  
Industrial/Manufacturing  
Power Equipment  
Recreational Vehicles

*For more information on  
FLEXcon's  
pressure-sensitive film  
solutions for Consumer  
Durables, contact your local  
Sales Representative or our  
Product Identification  
Business Team at (508)  
885-8300.*

*Product ID #: FLX069796*



Product: **Flexcon® DPM Aply® 4WPPSAE  
(PP 400 F White TC-716 L-344  
90 PFW Air Egress - UL Rec)**

#### Benefits:

- Gloss topcoated 4.0 mil white polypropylene (vinyl alternative) provides consistent surface smoothness and excellent dimensional stability
- Printable via resin & wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- 90 lb. embossed liner creates air egress channels in the adhesive to eliminate bubbles and wrinkles during application process and post application process
- Five year outdoor durability based on 2500 hrs. Xenon Arc
- Liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component

All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing.

For laser diecutability, please check with your equipment manufacturer.

Please note: DPM Aply® with air egress liner is available for sale in North America only.

# Flexcon® DPM Aply® 4WPPSAE (PP 400 F White TC-716 L-344 90 PFW Air Egress - UL Rec)

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	4.0 (102) +/- 10%
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)
	Liner	6.8 (172) +/- 10%
Dimensional Stability (%)	MD	0.65
	TD	0.50
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Acrylic	67 (737)	
Glass	63 (693)	
Polyethylene	17 (187)	
Polypropylene	34 (374)	
Stainless Steel	59 (649)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	5	
Tack (gm/sq cm)	600	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hours Xenon arc testing	
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	

Due to the custom nature of this product, the data presented are based on three or less production runs.

#### Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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