

Consumer Durables

Exterior Durable
Gloss Topcoated Frosty Clear 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 #: FLX069797



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

Benefits:

- Gloss topcoated 4.0 mil frosty clear 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
- Liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses
- Five year outdoor durability based on 2500 hrs. Xenon Arc
- 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® 4CPPSAE
(PP 400 F Frosty Clear TC-716
L-344 90 PFW Air Egress - UL Rec)**

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
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
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)
	Acrylic	68 (748)
	Glass	59 (649)
	Polyethylene	23 (253)
	Polypropylene	33 (363)
	Stainless Steel	58 (638)
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)	630	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.

Last Modified On: 02/13/2024

