

Consumer Durables

Print-Receptive Reflective White Polyester
Air Egress Sheet Form Liner

End Use Applications:

*Component Tracking Labels
Warning & Instructional Labels
Outdoor Safety Signage
Promotional Labels
Long-range Barcode Labels
Warehouse WIP Labels, Shelf
Marking
Supply Chain Management*

*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 #: FLX069860



Product: **Flexcon® DPM Aply® 4RWPSAE
(PM 400 White Reflective V-344
90 PFW Air Egress)**

Benefits:

- Print-receptive 4 mil reflective white polyester with glass bead reflective coating offers higher reflectivity and reflects from a longer distance than other reflective films
- Printable via thermal transfer, UV & solvent screen, and UV & solvent flexo
- 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

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

Flexcon® DPM Aply® 4RWPSAE (PM 400 White Reflective V-344 90 PFW Air Egress)

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film & Coating	4.0 (102) +/- 15%
	Adhesive	1.2-1.3 (30-33) +/- 0.1 (3)
	Liner	6.8 (172) +/- 10%
Dimensional Stability (%)	MD	0.50
	TD	0.50
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
Acrylic	Oz/In	(N/m)
	Film destructs during adhesion test	Film destructs during adhesion test
Glass	Film destructs during adhesion test	Film destructs during adhesion test
Stainless Steel	Film destructs during adhesion test	Film destructs during adhesion test
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)	580	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 176°F (-40°C to 80°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. Sometimes film rips during adhesion test.

[FOR A COMPLETE DATA SHEET WITH REFLECTIVITY DATA, CLICK HERE.](#)

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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