Flexcon® DPM Aply® 4WVSAE Air Egress Vinyl

Print-Receptive White Vinyl Air Egress Sheet Form Liner (V 400 F White L-344 90 PFW Air Egress - UL Rec)

FLX069798

Benefits

- CUL Recognized, L- Adhesives, UL Recognized
- View Flexcon® DPM Aply® 4WVSAE Yellow card

Features

- Print-receptive 4.0 mil white flexible vinyl provides consistent surface smoothness, excellent dimensional stability, and conformability
- Printable via thermal transfer, UV and solvent screen, UV, solvent & water flexo, and narrow-format UV inkjet
- In most cases, corona treatment is not required
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear and high peel adhesive resists cold flow and oozing
- 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

Additional Details

All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing. Please note: DPM Aply® with air egress liner is available for sale in North America only. Due to the custom nature of this product, the data presented are based on three or less production runs.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	11.35	
Film	3.4 +/- 10%	86
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	6.8 +/- 10%	172

Test Method: ASTM D 3652 (Modified for use with non-tape products)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	59	649
Stainless Steel	54	594
Glass	55	605
Polypropylene	40	440
Polyethylene	28	308

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	3	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	500	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hours Xenon arc testing	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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