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

Consumer Durables: Exterior Durable Gloss Topcoated White Polypropylene Air Egress Sheet Form Line

FLX069796

Benefits

- Five year outdoor durability based on 2500 hrs. Xenon Arc
- CUL Recognized, L- Adhesives, UL Recognized

Features

- 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
- 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. 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. 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	12.25	
Film	4.0 +/- 10%	102
Adhesive	0.9-1.0 +/- 0.1	23-25 +/- 3
Liner	6.8 +/- 10%	172

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	59	649
Glass	63	693
Polypropylene	34	374
Acrylic	67	737
Polyethylene	17	187

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	600	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hours Xenon arc testing	
Additional Information		
Service Temperature	-40°F to 212°F (-40°C to 100°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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