Flexcon® DigiPro® DGPWS

2.0 Mil White Polyester Sheet, Permanent Adhesive, Sheet-Form Liner

FLX015412

Benefits

- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component when overlaminated with Flexcon® DPM® CGor DPM® UVCG.

Features

- 2.0 mil white gloss polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is specifically designed for digital printing with HP Indigo inks and ensures excellent ink receptivity for sharp vibrant image quality
- Varnishing or overlaminating is recommended to protect graphics from abrasion
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, moderately rough surfaces. polycarbonate and fiberglass
- High-peel permanent acrylic adhesive resists cold flow and ooze
- Performance, aggressive, permanent pressure-sensitive adhesive bonds well to a variety of surfaces
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting
- Ideal for sheet-form converting
- Backed on both sides with a 90 lb. polycoated layflat release liner

Additional Details

Please note: this product can also be used for durable applications. Contact your Technical Service Representative for more information. We recommend fanning the edges of the sheets prior to stacking/printing on press.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	10.22	
Film	2.0 +/- 10%	51
Adhesive	0.9-1.0 +/- 0.1	25-28 +/- 3
Liner	6.9 +/- 10%	175

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	55	605
Acrylic	68	748
Glass	56	616
Polypropylene	12	132
ABS	60	660

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

Additional Properties	Value	Test Method
Expected Shear (hours)	50	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	360	ASTM D 2979
Expected Exterior Life	Indoor use only unless overlaminated with DPM® CVE or DPM® UVCG	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	One year stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

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