Flexcon® NexGen™ WP344S

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

FLX068700

Benefits

- UL recognized under UL 969 – UL File No. PGJI2.MH16635 Printing Materials – Component
- cUL recognized under UL File No. PGJI8.MH16635 – Printing Materials Certified for Canada – Component – under CAN/CSA standard C22.2, No. 0.15
- View Flexcon® NexGen™ WP344S Yellow Card

Features

- 2.0 mil white gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- Topcoat is more universally printable than other thermal transfer printable products
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- 90 lb. moisture stable polycoated release 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.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	9.85	
Film	2.0 +/1 10%	51
Adhesive	0.9-1.0 +/- 0.1	23-25 +/- 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	77	847
Glass	68	748
Polypropylene	15	165
HDPE	32	352

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

Additional Properties	Value	Test Method
Expected Shear (hours)	30	ASTM D 3654 Method Aa. 1 hr. dwellb. 1 sq. in. surfacec. 4 lb. load
Tack (g)	1030	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°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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