Flexcon® NexGen™ CPP344

Exterior Durable Gloss Topcoated 4 Mil Frosty Clear Polypropylene - Roll Form High Performance Permanent Adhesive Roll Liner

FLX068543

Benefits

- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass

Features

- Gloss topcoated 4.0 mil frosty clear 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
- High shear and high peel adhesive resists cold flow and oozing
- Adhesive bonds well to base film substrates
- 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	8.45	
Film	4.0 +/- 10%	102
Adhesive	0.9-1.0 +/- 0.1 (3)	23-25
Liner	3.1 +/- 10%	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	82	902
Stainless Steel	73	803
Glass	75	825
Polypropylene	37	407
Painted Metal	72	792

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	750	ASTM D 2979
Expected Exterior Life	Five years based on 2500 hrs. Xenon Arc	
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% RH	

Product Performance and Suitability

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