Flexcon® NexGen™ MSP344 Matte Topcoated 2 Mil Silver PET High Performance Permanent Adhesive PCR Roll Liner UL Recognized

2 Mil Matte Topcoated Silver Polyester - Roll Form

FLX068712

Benefits

- CUL Recognized, L- Adhesives, UL Recognized
- Liner is suitable for optical sensing on most thermal transfer printers

Features

MM 200 SILVER MTC-722 L-344 SPEC 50K-8

- Matte topcoated 2.0 mil silver polyester provides consistent surface smoothness, excellent dimensional stability, and endurance to varying temperatures
- Topcoat provides excellent resistance to chemicals, moisture, smudging and scratching
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- Matte filled topcoat allows for successful printing with a wider range of wax/resin ribbons
- Unique matte topcoat allows for greater than four times as many die revolutions before retooling compared with competing label materials
- 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
- Adhesive bonds well to base film substrates
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting

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	6.35	
Film	2.1 +/- 10%	53
Adhesive	0.8-0.9 +/- 0.1 (3)	20-23
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	77	847
Stainless Steel	55	605
Glass	68	748
Polypropylene	15	165
Aluminum	54	594

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	360	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% RH	

Product Performance and Suitability

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