



Flexcon® OptiFlex® Thin MPE22719 MPE 220 F Silver (MSO) TC-793 V-01 TracRite™ 92

Primary and Secondary Labeling Silver Polyethylene
FLX057585

Benefits

- Offers a 26% reduction over the traditional 3 mil polyethylene
- Conformable for maximum graphic coverage

Features

- "Greener" down-gauged 2.2 mil flexible silver (MSO) polyethylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Thinner gauge PE is a lower cost alternative to the traditional 3 mil polyethylene
- Printable via UV, solvent & water flexo, UV letterpress, UV offset, UV screen and hot stamping
- V-01 high-performance, permanent acrylic adhesive adheres to a wide range of container types including low-surface energy HDPE
- Adhesive complies with FDA 175.105 for indirect food contact
- Backed with Flexcon® TracRite™ 92 polyester release liner for excellent on-press performance for tight-registration graphics
- Release liner provides a good diecutting base and allows for high-speed dispensing

Additional Details

- Part of Flexcon's OptiFlex® packaging [squeezeable film label](#) product offering

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	4.3	
Film	2.2 +/- 10%	56
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	0.92 +/- 5%	23

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	48	528
Glass	48	528
Polypropylene	29	309
Stainless Steel	51	561
Styrene	41	451

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

Additional Properties	Value	Test Method
Expected Shear (hours)	10 (Permanent adhesive)	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	570	ASTM D 2979
Expected Exterior Life	Indoor use only	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	35°F (1.7°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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