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 squeezable film labelproduct 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

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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.

© 2026 Flexcon, Inc. All rights reserved.