



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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