

# Primary and Secondary Labeling

Silver Polyethylene

*End Use Applications:*  
*Rigid Container Labeling*  
*Semi-Squeeze Container Labeling*  
*Full Squeeze Container Labeling*

*For Consumable Products including:*  
*Health and Beauty*  
*Household Chemical*  
*Food*

*For more information on FLEXcon's pressure-sensitive film solutions for Primary and Secondary Container Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.*

*Product ID #: FLX057585*



Product:

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

Benefits:

- "Greener" down-gauged 2.2 mil flexible silver (MSO) polyethylene (PE) offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Thinner gauge PE is a lower cost alternative to the traditional 3 mil polyethylene
- Offers a 26% reduction over the traditional 3 mil polyethylene
- Printable via UV, solvent & water flexo, UV letterpress, UV offset, UV screen and hot stamping
- Conformable for maximum graphic coverage
- 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

In-line corona treatment recommended to enhance print receptivity

# Flexcon®

## ThinFlex™ MPE22719

MPE 220 F Silver (MSO) TC-793 V-01  
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PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	2.2 (56) +/- 10%
	Adhesive	0.5-0.6 (13-15) +/- 0.1 (3)
	Liner	0.92 (23) +/- 5%
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Acrylic	48 (528)	
Glass	48 (528)	
HDPE	19 (209)	
Polyester	42 (462)	
Polypropylene	29 (309)	
Stainless Steel	51 (561)	
Styrene	41 (451)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours) (Permanent Adhesive)	10	
Tack (gm/sq cm)	570	ASTM D 2979
Expected Exterior Life	Indoor Use Only	
Service Temperature Range	-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

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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