

# Primary and Secondary Labeling

Silver Polypropylene

*End Use Applications:  
Rigid Container Labels  
Semi-Squeeze Container Labels*

*For Consumable Products  
including:  
Beverages  
Food  
Health & Beauty  
Household Chemical*

*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 #: FLX056722*



Product:

**Flexcon®**

**OptiFlex® Thin MPP16419**  
MPP 160 H Silver TC-458 V-01 TracRite™ 92

Benefits:

- "Greener" down-gauged 1.6 mil metalized silver polypropylene (BOPP) has excellent surface smoothness, and offers excellent resistance to shrinkage, moisture, humidity and product contents
- Offers a 20% reduction over the traditional 2.0 mil polypropylene
- Films' uniqueness and brilliance is ideal for achieving high visual impact
- Printable via UV, solvent & water flexo, UV offset, UV screen, UV letterpress, 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
- Product has been 3rd party tested for Higher Pressure Processing (HPP) and adhesive was found to have the necessary strength and compatibility to withstand the HPP conditions

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PRODUCT DATA	VALUE	TEST METHOD	
<b>Physical Properties</b>			
Thickness (Mils[microns])	Film	1.6 (44) +/- 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		52 (572)
	Glass		64 (704)
	HDPE		20 (220)
	Polyester		29 (319)
	Polypropylene		22 (242)
	Stainless Steel		57 (627)
	Styrene		38 (418)
	Expected Shear		
Room Temp (hours) (Permanent Adhesive)	10		
Tack (gm/sq cm)	720	ASTM D 2979	
Expected Exterior Life	Indoor use only		
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)		
Minimum Application Temperature	35°F (1.7°C)		
Storage Stability	Two years when 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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