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.

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Product ID #: FLX056721



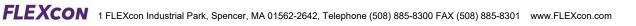
Product:

Flexcon® OptiFlex® MPP20413 MPP 200 H Silver TC-458 V-01 TracRite[™] 120

Benefits:

- Topcoated 2.0 mil hard silver polypropylene (BOPP) offers resistance to shrinkage, moisture, and humidity
- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Excellent surface smoothness allows for optimum ink laydown
- Printable via UV, solvent & water flexo, UV inkjet (Xeikon Jetrion 4000 series and Domino), 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™ 120 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
- Order custom widths without purchasing a whole master through <u>Flexcon®</u> <u>FLEXchoice™ for Prime Label</u>



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PRODUCT DATA	VALUE		TEST METHOD	
Physical Properties				
Thickness (Mils[microns])	Film Adhesive Liner	2.0 (51) +/- 10% 0.5-0.6 (13-15) +/- 0.1 (3) 1.2 (30) +/- 5%	ASTM D 3652 (Modified for use with non-tape products)	
Dimensional Stability (%)	No Shrinkage Observed		Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
Adhesion Properties				
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour	
	Oz/In	(N/m)	dwell time)	
Acrylic	54	(594)		
Glass	40	(440)		
HDPE	18	(198)		
Polyester	39	(429)		
Polypropylene	23	(253)		
Stainless Steel	54	(594)		
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)	10			
Tack (gm/sq cm)	790		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. Last Modified On: 03/19/2024