Flexcon® OptiFlex® MPP20416 2.0 MIL SILVER PP, TC, V-01 ADH, 40K-8

Primary and Secondary Labeling Silver Polypropylene

FLX064278

Benefits

- Adhesive complies with FDA 175.105 for indirect food contact
- Excellent surface smoothness allows for optimum ink laydown
- Product has been 3rd party tested for High 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 Flexcon® FlexChoice™ for Packaging

Features

Applications: Rigid Container Labels and Semi-Squeeze Container Labels

- 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
- Printable via UV, solvent & water flexo, UV inkjet (Xeikon Jetrion 4000 series), 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
- Backed with a 40 lb. bleached kraft release liner ideal for roll-form converting

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	5.3	
Film	2.0 +/10%	51
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	2.5 +/- 10%	64

Test Method: ASTM D 3652 (Modified for use with non-tape products)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	54	594
Acrylic	54	594
Glass	40	440
Polypropylene	23	253
Styrene	41	451

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	10	ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Tack (g)	790	ASTM D 2979
Expected Exterior Life	Indoor use only	
Additional Information		
Service Temperature	-40°F to 212°F (-40°C to 100°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.