Flexcon® OptiFlex® CPP20414

2 MIL Clear Polypropylene, TC, V-01 ADH, 44PP-8

FLX057250

Benefits

- Adhesive complies with FDA 175.105 for indirect food contact

Features

- Topcoated 1.85 mil hard clear polypropylene (BOPP) offers excellent resistance to shrinkage, moisture, humidity and product contents
- Printable via UV, solvent & water flexo, narrow-format UV inkjet, roll-form dry toner, UV rotary screen, UV letterpress and hot stamping
- Film clarity is ideal for achieving the no-label-look
- High-performance, permanent acrylic adhesive adheres to a wide range of container types including low-surface energy HDPE

Additional Details

- 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

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	6	
Film	2.0 +/- 10%	51
Adhesive	0.5-0.6 +/- 0.1 (3)	13-15
Liner	3.0 +/- 10%	76

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	46	506
Acrylic	42	462
Glass	34	374
Polypropylene	9	99
HDPE	18	198

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	710	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	32°F (2°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% RH	

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.