



Flexcon® OptiFlex® WPP23413 2.3 Mil White Polypropylene, TC, V-01 ADH, 1.2 Mil Poly Liner

Primary and Secondary Labeling White Polypropylene
FLX056712

Benefits

- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Adhesive complies with FDA 175.105 for indirect food contact
- 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 Flexcon® FlexChoice™ for Packaging

Features

- Topcoated 2.3 mil hard white polypropylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Film opacity is ideal for achieving high impact graphics
- Excellent surface smoothness allows for optimum ink laydown
- Printable via UV, solvent & water flexo, UV inkjet (Xeikon Jetrion 4000 series and Domino), Konica Minolta (roll-form dry toner), UV screen, UV letterpress, and hot stamping
- High-performance, permanent acrylic adhesive adheres to a wide range of container types including low-surface energy HDPE
- Polyester release liner contains up to 60% Post Industrial Recycled content, provides good diecutting base and allows for high-speed dispensing

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	4.45	
Film	2.3 +/- 10 %	58
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	1.2 +/- 5%	30

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



Flexcon® OptiFlex® WPP23413 2.3 Mil White Polypropylene, TC, V-01 ADH, 1.2 Mil Poly Liner

Primary and Secondary Labeling White Polypropylene
FLX056712

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	54	594
Acrylic	52	572
Glass	40	440
Polypropylene	20	220
Styrene	36	396

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	10	ASTM 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	730	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.