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 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

- 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)

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

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