Flexcon® OptiFlex® WPP23416 2.3 MIL WHITE PP, TC, V-01 ADH, 40K-8 Liner

Topcoated 2.3 mil hard white polypropylene for primary and secondary labeling

FLX060201

Benefits

- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Excellent surface smoothness allows for optimum ink laydown
- 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

- 2.3 mil hard white polypropylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Film opacity is ideal for achieving high-image graphics
- 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
- 40 lb. bleached white kraft release liner ideal for roll-form converting

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	5.65	
Film	2.3 +/- 10 %	58
Adhesive	0.5-0.6 +/- 0	13-15
Liner	2.5 +/- 10%	64

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

Adhesion Properties

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

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)	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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