

Primary and Secondary Labeling

White Polypropylene

*End Use Applications:
Rigid Container Labels
Semi-Squeeze Container Labels*

*For Consumable Products
including:
Beverages
Food
Health & Beauty
Household Chemical*

*For more information on
FLEXcon's
pressure-sensitive film
solutions for primary and
secondary labeling, contact
your local Sales
Representative or our
Product Identification
Business Team at (508)
885-8300.*

Product ID #: FLX060201



Product:

Flexcon®
OptiFlex® WPP23416
2.3 Mil White PP, TC-458, V-01 Adh,
40K-8 Liner

Benefits:

- Topcoated 2.3 mil hard white polypropylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- 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
- V-01 high-performance, permanent acrylic adhesive adheres to a wide range of container types including low-surface energy HDPE
- Adhesive complies with FDA 175.105 for indirect food contact
- Backed with a 40 lb. bleached kraft release liner ideal for roll-form converting
- 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 Prime Label



Flexcon®
OptiFlex® WPP23416
2.3 Mil White PP, TC-458, V-01 Adh,
40K-8 Liner

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.3 (58) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.5-0.6 (13-15) +/- 0	
	Liner	2.5 (64) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/in	(N/m)	
Acrylic	52	(572)	
Glass	40	(440)	
HDPE	14	(154)	
Polyester	37	(407)	
Polypropylene	20	(220)	
Stainless Steel	54	(594)	
Styrene	36	(396)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	10		
Tack (gm/sq cm)	730	ASTM D 2979	
Expected Exterior Life	Indoor use only		
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)		
Minimum Application Temperature	35°F (1.7°C)		
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity		

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

Last Modified On: 03/19/2024

