

Primary and Secondary Labeling

White Polypropylene

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

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

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

Product ID #: FLX056723



Product:

Flexcon®
OptiFlex® Thin WPP16419
PP 160 H White TC-458 V-01 TracRite™ 92

Benefits:

- "Greener" down-gauged 1.6 mil high-gloss, hard white polypropylene (BOPP) has excellent surface smoothness, and offers excellent resistance to shrinkage, moisture, humidity and product contents
- Offers a 30% reduction over the traditional 2.3 mil polypropylene
- Film opacity is ideal for achieving high impact graphics, and the no label look on white containers
- Printable via UV, solvent & water flexo, UV offset, 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 Flexcon® TracRite™ 92 polyester release liner for excellent on-press performance for tight-registration graphics
- Release liner provides a good diecutting base and allows for high-speed dispensing
- 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

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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	1.6 (44) +/- 10%
	Adhesive	0.5-0.6 (13-15) +/- 0.1 (3)
	Liner	0.92 (23) +/- 5%
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	64 (704)	
HDPE	20 (220)	
Polyester	29 (319)	
Polypropylene	22 (242)	
Stainless Steel	57 (627)	
Styrene	38 (418)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours) (Permanent Adhesive)	10	
Tack (gm/sq cm)	720	ASTM D 2979
Expected Exterior Life	Indoor use only	
Service Temperature Range	-40°F to 212° (-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.

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