

Packaging

Label Solution Enabling Recyclability of HDPE Containers

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

*For Consumable Products:
Food & Beverage
Personal Care & Cosmetics
Household Chemical*

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

Product ID #: FLX069593



Product:

**Flexcon®
OptiFlex® Thin EcoFocus® 069593
(OptiFlex® Thin EcoFocus®
PE 220 F White V-127RE TracRite™ 92)**

Benefits:

- 2.2 mil white polyethylene offers superior film conformability for maximum label and graphic coverage
- Polyethylene film offers good resistance to a variety of environments, including the shower where moisture and humidity are present
- Print-receptive film provides uniform and consistent printability via rotary letterpress, rotary screen, HP Indigo, narrow-format UV inkjet and flexography (in-line corona treatment recommended to enhance print receptivity)
- V-127RE high-performance adhesive adheres well to HDPE containers
- V-127RE adhesive is compatible with the HDPE recycling process allowing for the collection of rHDPE
- 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
- TracRite™ 92 polyester release liner contains up to 60% Post Industrial Recycled content, provides good diecutting base and allows for high-speed dispensing

APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® Thin EcoFocus® PE 220 F White pressure-sensitive labels, with V-127RE adhesive meet or exceed APR's Critical Guidance Protocol for HDPE Colored or Natural Bottles with Resin Additives, Barriers, Labels or Closures, HDPE-CG-01.



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(OptiFlex® Thin EcoFocus®
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PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.2 (56) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	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)	
Glass	48	(528)	
HDPE	19	(209)	
Polypropylene	29	(319)	
Stainless Steel	51	(561)	
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)	570		ASTM D 2979
Expected Exterior Life	Indoor use only		
Service Temperature Range	-40°F to 176°F (-40°C to 80°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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