



Flexcon® OptiFlex® Thin EcoFocus® 069592 (PE 220 F Clear V-127RE TracRite™ 92)

2.2 mil clear polyethylene for packaging label solutions - Enabling Recyclability of HDPE Containers
FLX069592

Benefits

- Association of Plastic Recyclers (APR)
- 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
- Release liner provides a good diecutting base and allows for high-speed dispensing

Features

- 2.2 mil clear polyethylene offers superior film conformability for maximum label and graphic coverage
- 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)
- Polyethylene film offers good resistance to a variety of environments, including the shower where moisture and humidity are present
- 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

Additional Details

APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® Thin EcoFocus® PE 220 F Clear 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.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	3.82	
Film	2.2 +/- 10%	56
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	0.92 +/- 5%	23

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Glass	48	528
HDPE	19	209
Polypropylene	29	319
Stainless Steel	51	561

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear	10	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack	570	ASTM D 2979
Expected Exterior Life	Indoor use only	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°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

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.