Flexcon® OptiFlex® EcoFocus® 069057 (OptiFlex® EcoFocus™ PE 300 F Clear V-127RE TracRite™ 120)

3.0 mil clear polyethylene enabling recyclability of HDPE containers

FLX069057

Benefits

- Polyethylene film offers good resistance to a variety of environments, including the shower where moisture and humidity are present
- Adhesive complies with FDA 175.105 for indirect food contact
- Adhesive is compatible with the HDPE recycling process allowing for the collection of rHDPE
- APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® EcoFocus® PE 300 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.
- Order custom widths without purchasing a whole master through Flexcon® FlexChoice™ for Packaging

Features

- 3.0 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)
- High-performance adhesive adheres well to HDPE containers
- Release liner contains up to 60% Post Industrial Recycled content, provides good diecutting base and allows for high-speed dispensing

Additional Details

- Part of Flexcon's OptiFlex® packaging squeezable film labelproduct offering

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	4.65	
Film	3.0 +/- 10%	76
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	1.2 +/- 5%	30

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	55	605
Aluminum	65	715
Glass	54	594
HDPE	28	308

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	10	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	720	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 when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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