



Flexcon® OptiFlex® Thin EcoFocus® 069573 (PP 160 H CLEAR TC-458 V-52RE TRACRITE 92)

Topcoated 1.6 mil hard clear polypropylene film for packaging wash-off adhesive label solutions. Enabling Recycling of PET Containers.

FLX069573

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

PP 160 H CLEAR TC-458 V-52RE TRACrite™ 92

- Topcoated 1.6 mil hard clear polypropylene (BOPP) offers excellent resistance to shrinkage, moisture, humidity and product contents
- Excellent surface smoothness allows for optimum ink laydown
- Printable via UV, solvent & water flexo, narrow-format UV inkjet, roll-form dry toner, UV rotary screen, UV letterpress and hot stamping
- Film clarity is ideal for achieving the no-label look
- High-performance adhesive adheres well to PET containers
- Adhesive separates cleanly from PET flake during the recycling process allowing for the collection of rPET
- 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® PP 160 H Clear TC pressure-sensitive labels, with V-52RE adhesive meet or exceed APR's Critical Guidance Protocol for Clear PET Articles with Labels and Closures.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Film	1.6 +/- 10%	44
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 product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	23	253
Glass	22	242
Polyester	23	253

Test Method: ASTM D 903 (Modified for 72 hr 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	500	ASTM D 2979
Additional Information		
Service Temperature	-40°F to 212°F (-40°C to 100°C)	
Minimum Application Temperature	20°F (-6.6°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.