



Flexcon® OptiFlex® Thin EcoFocus® 069591 (MPP 160 H Silver TC-458 V-52RE TracRite™ 92)

1.6 mil hard silver metalized polypropylene film for Packaging. Wash-Off Adhesive Label Solution Enabling Recycling of PET Containers

FLX069591

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
- Adhesive separates cleanly from PET flake during the recycling process allowing for the collection of rPET

Features

- Topcoated 1.6 mil hard silver metalized 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 opacity is ideal for achieving high-image graphics
- High-performance adhesive adheres well to PET containers
- 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
- 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

Additional Details

APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® Thin EcoFocus® MPP 160 H Silver 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
Total Product	3.47	
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)



Flexcon® OptiFlex® Thin EcoFocus® 069591 (MPP 160 H Silver TC-458 V-52RE TracRite™ 92)

1.6 mil hard silver metalized polypropylene film for Packaging. Wash-Off Adhesive Label Solution Enabling Recycling of PET Containers

FLX069591

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 (hours)	10	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	500	ASTM D 2979
Expected Exterior Life	Indoor use only	
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.