



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)

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

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