

# Packaging

## Wash-Off Adhesive

### Label Solution Enabling Recycling of PET Containers

*End Use Applications:  
Rigid Container Labels  
Semi-Squeeze Container Labels*

*For Consumable Products  
including:  
Food & Beverage  
Personal Care & Cosmetics  
Household Chemical*

*For more information on  
FLEXcon's  
pressure-sensitive film  
solutions for packaging  
labeling, contact your local  
Sales Representative or our  
Product Identification  
Business Team at (508)  
885-8300.*

*Product ID #: FLX069589*



**Product:**

**Flexcon®  
OptiFlex® Thin EcoFocus® 069589  
(OptiFlex® Thin Ecofocus®  
PP 160 H White TC-458 V-52RE  
TracRite™ 92)**

**Benefits:**

- Topcoated 1.6 mil hard white polypropylene (BOPP) offers excellent resistance to shrinkage, moisture, humidity and product contents
- Film opacity is ideal for achieving high-image graphics
- 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
- V-52RE high-performance adhesive adheres well to PET containers
- V-52RE adhesive separates cleanly from PET flake during the recycling process allowing for the collection of rPET
- Backed with Flexcon® TracRite™ 92 polyester release liner for excellent on-press performance for tight-registration graphics
- TracRite™ 92 polyester release liner contains up to 60% Post Industrial Recycled content, provides good diecutting base and allows for high-speed dispensing
- 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

APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® Thin EcoFocus® PP 160 H White TC pressure-sensitive labels, with V-52RE adhesive meet or exceed APR's Critical Guidance Protocol for Clear PET Articles with Labels and Closures.

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**OptiFlex® Thin EcoFocus® 069589**  
**(OptiFlex® Thin Ecofocus®**  
**PP 160 H White TC-458 V-52RE TracRite™ 92)**

PRODUCT DATA	VALUE	TEST METHOD		
<b>Physical Properties</b>				
Thickness (Mils[microns])	Film	1.6 (44) +/- 10%		
	Adhesive	0.5-0.6 (13-15) +/- 0.1 (3)		
	Liner	0.92 (23) +/- 5%		
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)		
<b>Adhesion Properties</b>				
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)		
	Oz/ln		(N/m)	
	Glass		22	(242)
	Polyester		23	(253)
Stainless Steel	23	(253)		
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load		
Room Temp (hours)	10			
Tack (gm/sq cm)	500	ASTM D 2979		
Expected Exterior Life	Indoor use only			
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)			
Minimum Application Temperature	20°F (-6.6°C)			
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity			

**Product Performance and Suitability**

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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