

Primary and Secondary Labeling
Wash-Off Adhesive
Label Solution Enabling Recycling of PET Containers

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

*For Consumable Products
including:
Beverages
Food
Health & Beauty
Household Chemical*

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

Product ID #: FLX069990



Product:

Flexcon®
OptiFlex® EcoFocus®
PP 200 H Clear TC-458 V-52RE
Spec 40K-8

Benefits:

- Topcoated 1.85 mil hard clear polypropylene (BOPP) offers excellent resistance to shrinkage, moisture, humidity and product contents
- Film clarity is ideal for achieving the no-label-look
- 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
- 40 lb. bleached white kraft release liner ideal for roll-form converting
- 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® EcoFocus® PP 200 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

Flexcon®
 OptiFlex® EcoFocus®
 PP 200 H Clear TC-458 V-52RE
 Spec 40K-8

| PRODUCT DATA | VALUE | TEST METHOD | |
|---------------------------------|--|---|-------|
| Physical Properties | | | |
| Thickness (Mils[microns]) | Film | 1.85 (47) +/- 10% | |
| | Adhesive | 0.5-0.6 (13-15) +/- 0.1 (3) | |
| | Liner | 2.5 (64) +/- 10% | |
| Dimensional Stability (%) | No Shrinkage Observed | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) | |
| Adhesion Properties | | | |
| Ultimate Peel from | Average | ASTM D 903 (Modified for 72 hour dwell time) | |
| | Oz/In | | (N/m) |
| | Polyester | | 24 |
| Stainless Steel | 30 | (330) | |
| 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.

Last Modified On: 03/12/2024

