

Primary and Secondary Labeling

Clear Polypropylene

*Get the No-Label-Look
Required for Your
Application*

*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 Container
Labeling, contact your local
Sales Representative or our
Product Identification
Business Team at (508)
885-8300.*

Product ID #: FLX056455



Product:

Flexcon®
OptiFlex® Thin CPP16419
PP 160 H Clear TC-458 V-01 TracRite™ 92

Benefits:

- "Greener" down-gauged 1.6 mil high-gloss, hard clear polypropylene (BOPP) has excellent surface smoothness; and offers excellent resistance to shrinkage, moisture, humidity and product contents
- Offers a 20% reduction over the traditional 2.0 mil polypropylene
- Film clarity is ideal for achieving the "no-label-look" on glass and clear containers
- Printable via UV, solvent & water flexo, UV offset, UV screen, UV letterpress, and hot stamping
- V-01 high-performance, permanent acrylic adhesive adheres to a wide range of container types including low-surface energy HDPE
- Adhesive complies with FDA 175.105 for indirect food contact
- Backed with 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
- 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

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| PRODUCT DATA | VALUE | TEST METHOD |
|---------------------------------|--|---|
| Physical Properties | | |
| 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) |
| Adhesion Properties | | |
| Ultimate Peel from | Average | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In (N/m) | |
| Acrylic | 52 (572) | |
| Glass | 64 (704) | |
| HDPE | 20 (220) | |
| Polyester | 29 (319) | |
| Polypropylene | 22 (242) | |
| Stainless Steel | 57 (627) | |
| Styrene | 38 (418) | |
| 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) | 720 | 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 | 35°F (1.7°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: 05/28/2024

