



Benefits

- Polyethylene film offers good resistance to a variety of environments, including the shower where moisture and humidity are present
- Adhesive complies with FDA 175.105 for indirect food contact
- Adhesive is compatible with the HDPE recycling process allowing for the collection of rHDPE
- APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® EcoFocus® PE 300 F White pressure-sensitive labels, with V-127RE adhesive meet or exceed APR's Critical Guidance Protocol for HDPE Colored or Natural Bottles with Resin Additives, Barriers, Labels or Closures, HDPE-CG-01.
- Order custom widths without purchasing a whole master through [Flexcon® FlexChoice™ for Prime Label](#)

Features

- 3.0 mil white polyethylene offers superior film conformability for maximum label and graphic coverage
- Print-receptive film provides uniform and consistent printability via rotary letterpress, rotary screen, HP Indigo, UV narrow-format inkjet and flexography (in-line corona treatment recommended to enhance print receptivity)
- High-performance adhesive adheres well to HDPE containers
- Release liner contains up to 60% Post Industrial Recycled content, provides good diecutting base and allows for high-speed dispensing

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Film | 3.0 +/- 10% | 76 |
| Adhesive | 0.5-0.6 +/- 0.1 | 13-15 +/- 3 |
| Liner | 1.2 +/- 5% | 30 |

Test Method: ASTM D 3652 (Modified for use with non-tape product)



Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel | 55 | 605 |
| Aluminum | 65 | 715 |
| Glass | 54 | 594 |
| HDPE | 28 | 308 |

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

| Additional Properties | Value | Test Method |
|---------------------------------|----------------------------------------------------------------|---------------------------------------------------------|
| Expected Shear | 10 | ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load) |
| Tack | 720 | ASTM D 2979 |
| Expected Exterior Life | Indoor use only | |
| Additional Information | | |
| Service Temperature | -40°F to 176°F (-40°C to 80°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

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