



Flexcon® OptiFlex® PP 200 H CLEAR TC-458 V-611 SPEC 40K-8

Secondary Labeling Clear Polypropylene with Removable Adhesive
FLX070146

Benefits

- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Adhesive complies with FDA 175.105 for indirect food contact
- Order custom widths without purchasing a whole master through Flexcon® FlexChoice™ for Packaging

Features

- Topcoated 2.0 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
- General-purpose removable adhesive provides minimal adhesion bond over time ensuring clean removability
- Adheres to a wide range of container types
- Printable via UV, solvent & water, flexo, UV inkjet (Xeikon Jetrion 4000 series and Domino), UV screen, UV letterpress, and hot stamping
- 40 lb. bleached white kraft release liner ideal for roll-form converting

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 5.2 | |
| Film | 2.0 +/- 10 % | 51 |
| Adhesive | 0.5-0.6 +/- 0.1 | 13-15 +/- 3 |
| Liner | 2.5 +/- 10 % | 64 |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel | 17 | 187 |
| Glass | 14 | 154 |
| Polypropylene | 14 | 154 |
| Polyethylene | 6 | 66 |
| Aluminum | 23 | 253 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|---|---|
| Expected Shear (hours) | 100 | ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 290 | ASTM D 2979 |
| Expected Exterior Life | Indoor use only | |
| Additional Information | | |
| Service Temperature | -20°F to 212°F (-29°C to 100°C) | |
| Minimum Application Temperature | 40°F (4°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

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