

Benefits

- Adhesive complies with FDA 175.105 for indirect food contact
- Offers a 20% reduction over the traditional 2.0 mil polypropylene

Features

- "Greener" down-gauged 1.6 mil metalized silver polypropylene (BOPP) has excellent surface smoothness, and offers excellent resistance to shrinkage, moisture, humidity and product contents
- Films' uniqueness and brilliance is ideal for achieving high visual impact
- 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
- 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

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 3.47 | |
| Film | 1.6 +/- 10% | 44 |
| Adhesive | 0.5-0.6 +/- 0.1 | 13-15 +/- 3 |
| Liner | 0.92 +/- 5% | 23 |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Acrylic | 52 | 572 |
| Glass | 64 | 704 |
| Stainless Steel | 57 | 627 |
| Polypropylene | 22 | 242 |
| HDPE | 20 | 220 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|---|---|
| Expected Shear (hours) | 10 (permanent adhesive) | ASTM 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 720 | ASTM D 2979 |
| Expected Exterior Life | Indoor use only | |
| Additional Information | | |
| Service Temperature | -40°F to 212°F (-40°C to 100°C) | |
| Minimum Application Temperature | 32°F (0°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

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