



Benefits

- Film has excellent chemical and abrasion resistance

Features

- 4.0 mil durable exterior grade flexible white opaque premium life vinyl provides a 5-year expected outdoor life
- Printable via UV and solvent inkjet, UV and solvent screen, and UV offset (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Adhesive adheres to many different surface shapes including smooth, semi-smooth, flat and curved surfaces
- Permanent pressure-sensitive acrylic adhesive bonds well to glass and high-surface energy plastics
- Backed with a layflat, moisture stable release liner for ease of printing and converting

Additional Details

Recommendations: We recommend that this product be tested for your specific application requirements. This product is not intended for use over rivets or welds. Please consult your Flexcon Sales Representative for further information.

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 11.55 | |
| Film | 4.0 +/- 10% | 102 |
| Adhesive | 1.0-1.1 +/- 0.1 | 25-28 +/- 3 |
| Liner | 6.9 +/- 10% | 175 |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------------------|---------------|-------|
| Acrylic Powder Paint on Metal | 59 | 649 |
| Epoxy Powder Paint on Metal | 70 | 770 |
| Polyester Powder Paint | 32 | 352 |
| Polyurethane Powder Paint on M | 72 | 792 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|---|--|
| Expected Shear (hours) | 25 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 300 | ASTM D 2979 |
| Expected Exterior Life | Five to seven years, mid North America | |
| Additional Information | No visual change or adhesion loss 3 day water immersion plus 24 hr. recovery vs. 72 hr. at RT on SS panel (24 hr. dwell on SS panel before immersion) | |
| Service Temperature | -40°F to 176°F (-40°C to 80°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

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