



Flexcon® Classics Plus® 10092

1.0 mil Clear Polyester Overlamine, Permanent Adhesive, Film Liner
FLX000233

Benefits

- Overlamine protects the underlying graphics from harsh environmental conditions
- UL-recognized under UL 969 - UL File No. PGGU2-MH10170 Marking and Labeling System Materials - Component
- cUL-recognized under UL 969 - File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component
- CSA accepted under CSA File No. 99214

Features

- 1.0 mil clear polyester has excellent abrasion and humidity resistance
- Provides a high-gloss appearance to printed graphics
- Permanent pressure-sensitive adhesive bonds well to printed base film surface
- Backed with an ultra smooth clear polyester release liner for superior adhesive clarity

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 2.79 | |
| Film | 1.0 +/- 10% | 25 |
| Adhesive | 0.9-1.0 +/- 0.1 | 23-25 +/- 3 |
| Liner | 1.0 +/- 5% | 25 |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel | 39 | 429 |
| Acrylic | 53 | 583 |
| Glass | 28 | 308 |
| Polypropylene | 22 | 242 |
| Polyethylene | 24 | 264 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|--|--|
| Expected Shear (hours) | 20 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 400 | ASTM D 2979 |
| Expected Exterior Life | Two years | |
| Additional Information | | |
| Service Temperature | -40°F to 302°F (-40°C to 150°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Two years when stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

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