



DPM® PCS Clear Polyester High Performance Adhesive Sheet

Durable Goods and Equipment Labeling Clear Polyester - Sheet Form

FLX000313

Benefits

- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- CSA accepted under CSA file no. 99214

Features

- 2.0 mil clear polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Print-receptive surface is compatible with most conventional and UV ink systems (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal and paint
- High shear and high peel adhesive resists cold flow and oozing
- Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 10.12 | |
| Film | 2.0 +/- 10 % | 51 |
| Adhesive | 0.9-1.0 +/- 0.1 | 23-25 +/- 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) |
|--------------------|---------------|-------|
| Stainless Steel | 55 | 605 |
| Acrylic | 77 | 847 |
| Glass | 68 | 748 |
| Polypropylene | 15 | 165 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|---|--|
| Expected Shear (hours) | 30 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 1030 | 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 stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

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