



Flexcon® ThermlFilm® MM 500 BBStainless TC-390 V-606 Spec 50K/Q-7 (1.9-2.1)

Nameplate / Decorative
FLX051249

Benefits

Features

- 5.0 mil gloss topcoated bright brushed silver polyester film offers good durability
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons
- Permanent acrylic adhesive offers medium tack, high shear and excellent adhesion to a variety of metal and plastic surfaces, including polypropylene, polyethylene, PORON® and Kushon® cellular rubber products
- Backed with a 50lb. semi-bleached kraft release liner that is Quilon®* coated to prevent label pickoff†

Additional Details

*PORON® is a registered trademark of Rogers Corporation. Kushon® is a registered trademark of Griswold Products, LLC.

†Quilon® is a registered trademark of Zaclon LLC.

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-------------------|---------------|
| Total Product | 10.3 | |
| Film | 5 +/- 10% | 127 +/- 10% |
| Adhesive | 1.9 - 2.1 +/- 0.2 | 48 - 53 +/- 5 |
| Liner 2 | 3.2 +/- 10% | |

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



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Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless steel | 1320 | 120 |
| Acrylic | 1408 | 128 |
| Glass | 1573 | 143 |
| Polypropylene | 264 | 24 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|---------------------------------|--|
| Expected Shear (hours) | 50 | ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb load) |
| Tack (g) | 1660 | ASTM D 2979 |
| Expected Exterior Life | 2 years | |
| Additional Information | | |
| Service Temperature | -40 F - 302 F | |
| Minimum Application Temperature | 32F (0C) | |
| Storage Stability | 2 years at 70F (21C) and 50% RH | |

Product Performance and Suitability

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