



Flexcon® PharmCal® TamperMark™ 069051 (PharmCal® PE 200 White Destruct TC-716 V-88 Spec 50K/Q-8)

2.0 Mil White Destructive Polyethylene, Permanent Adhesive, Paper Liner
FLX069051

Benefits

- Destructible film prevents relabeling onto counterfeit package
- Ideal for FDA 21CFR 211.132 and EU Falsified Medicines Directive(FMD) regulations for tamper-proof labeling and packaging
- 6-month change notification

Features

- 2.0 mil destructible white polyethylene destructs or distorts easily
- Topcoat optimizes ink receptivity with flexographic, offset and letterpress inks
- Aggressive permanent rubber based adhesive offers excellent adhesion to plastic containers, cardboard, and packaging materials
- Backed with a 50 lb. semi-bleached kraft release liner that is Quilon®* coated
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component

Additional Details

Recommendations: Printing/converting trials are highly recommended prior to full scale manufacturing.

*Quilon® is a registered trademark of Zaclon LLC

"Fit-for-use" testing is recommended under actual application conditions.

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|---------------------|---------|
| Total Product | 6.55 | |
| Film | 2.0 +/-10% | 51 |
| Adhesive | 1.0-1.1 +/- 0.1 (3) | 25-28 |
| Liner | 3.1 +/- 10% | 79 |

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



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Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-----------|
| Acrylic | Film rips | Film rips |
| Glass | Film rips | Film rips |
| Polypropylene | Film rips | Film rips |
| Stainless Steel | Film rips | Film rips |

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

| Additional Properties | Value | Test Method |
|---------------------------------|--|-------------|
| Expected Shear | | |
| Tack | 630 | ASTM D 2979 |
| Expected Exterior Life | Indoor use only | |
| Additional Information | | |
| 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% RH | |

Product Performance and Suitability

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