Flexcon® PharmCal® Conceal™ 069048 (PharmCal® PPM 230 H White Opaque MTC-722 V-344 Spec 50K-8)

Opaque Material for Covering Existing Graphics White Opaque Matte Polypropylene

FLX069048

Benefits

- Biocompatible adhesive mitigates risk of migration through packaging
- 21 CFR 175.105, REACH, RoHS/ WEEE, and ISO 10993-5,-10 compliant*

Features

- Matte topcoated 2.3 mil hard white opaque polypropylene (BOPP) metallized on one side for concealing package contents or covering over existing label
- Film provides excellent resistance to shrinkage, moisture, humidity and product contents
- Topcoat optimizes printability with thermal transfer; dry- and liquid-toner based laser systems; UV and flexographic inks and printing technologies
- Topcoat accepts pen and marker
- Permanent aggressive adhesive provides a high ultimate bond, and excellent tack, clarity, and wet out characteristics
- High-adhesive performance bonds to tight-radius glass or plastic containers
- Backed with a 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers
- 6-month change notification

Additional Details

*FDA CFR 175.105: Adhesives may be safely used as components of articles intended for use in packaging, transporting, or holding food in accordance with the following prescribed conditions. ISO 10993 Biological evaluation of medical devices: Part 5:Tests for in vitro cytotoxicity; Part 10:Tests for irritation and skin sensitization.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	6.65	
Film	2.4 +/- 10%	61
Adhesive	0.8-0.9 +/- 0.1	20-23 +/- 3
Liner	3.1 +/- 10%	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Glass	47	517
Polypropylene	14	154

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

Additional Properties	Value	Test Method
Expected Shear (hours)	75	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	850	ASTM D 2979
Expected Exterior Life	Indoor use only	
Additional Information		
Service Temperature	-40°F to 212°F (-40°C to 100°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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