TamperMark™ PM 200 White Void II TC-249 V-344 Spec 50K/Q-8

Topcoated thermal transfer printable, tamper evident glossy white small void polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a kraft release liner

FLX000446

Benefits

- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials – Component

Features

- 2.0 mil tamper-evident white polyester film leaves behind "VOID" pattern
- Topcoat optimizes ink receptivity with most solvent and UV ink systems (please test for ink adhesion on your specific ink chemistry)
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, moderately rough surfaces. polycarbonate and fiberglass
- High-peel permanent acrylic adhesive resists cold flow and ooze
- Performance, aggressive, permanent pressure-sensitive adhesive bonds well to a variety of surfaces
- Backed with a 50 lb. semi-bleached kraft release liner that is Quilon®* coated

Additional Details

*Quilon® is a registered trademark of Zaclon, LLC.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	6.9	
Film	2.3 +/- 10%	58
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)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	58+	638+ (leaves VOID pattern)
Glass	53+	583+ (leaves VOID pattern)
Stainless Steel	49+	538+ (leaves VOID pattern)
Acrylic	58+	638+ (leaves VOID pattern)
Aluminum	50+	550+ (leaves VOID pattern)

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	880	ASTM D 2979
Expected Exterior Life	Film: Two years, White Coating: Turns yellow under sunlight	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C), Tamper-evident maximum 104°F (40°F)	
Minimum Application Temperature	50°F (10°C), 35°F (2°C) minimum application temperature for pharmaceutical labeling on glass and HDPE	
Storage Stability	Two years stored at 70°F (21°C) and 50% RH	

Product Performance and Suitability

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