Flexcon® ThermlFilm® HT™ PI2W50GV2 2 Mil White Printable Polyimide Film, Hi-Performance Permanent Adhesive, 50 White Glassine Liner

2.0 mil high temperature white polyimide film

FLX070414 | Part #: PI2-DW23-J48AH/36

Benefits

- UL 969 recognized, REACH & RoHS compliant, and halogen-free
- Chemical, solvent, and abrasion resistance (OHR1 Compliant) for harsh industrial conditions

Features

- 2 mil (50 micron) high temperature white polyimide film, topcoated for extensive printability
- Withstands intermittent heat up to 750°F (399°C) for high-heat applications
- 600 DPI resolution for sharp barcodes, data matrix codes, and alphanumeric tracking
- ANSI scannability compliance ensures reliable long-term traceability
- Topcoat has static dissipating properties
- Low-outgassing adhesive for sensitive applications

Additional Details

Click herefor additional information including technical information.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.1	
Film	2.0 +/- 15%	50 +/- 15%
Adhesive	1.4 - 1.5 +/- 0.1	36 - 38 +/- 3
Liner	2.7 +/- 10%	69 +/- 10%
Topcoat 2	19 +/- 15%	

Test Method: ASTM D 3652

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	51	561
Acrylic	60	660
Glass	49	539
FR4 Board	51	561

Test Method: ASTM D 903

Additional Properties	Value	Test Method
Expected Shear (hours)	1	ASTM D 3654 Method A
Tack (g)	1390	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 356°F (-40°C to 180°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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