Flexcon® Omni-Wave™ TT 200 Black H-510 400 Poly H-9 44PP-8

Skin Contact Applications - Electrodes & Wearables Hydrogel-Free Bio-Signal Sensing Transfer Tape

FLX070271

Benefits

- H-510 hydrogel-free skin contact adhesive (transfer tape) engineered for short-term wear (3 days) for medical device attachment (electrodes or sensors) demonstrates minimal skin irritation as compared to hydrogel electrodes
- Product performance is not affected by humidity
- Conductive adhesive layer allows electronics to send and receive waveform signals between the connected surfaces
- Patented Flexcon® Omni-Wave™ Technology
- Association for Advancement of Medical Instrumentation (AAMI) compliant
- Passes ISO 10993-10 (biological evaluation of medical devices) for sensitization and irritation
- 6-month change notification

Features

- 2.0 mil black transfer adhesive
- 4.0 mil ultra smooth polyester release liner provides ultimate smoothness and flow-out of adhesive, and is ideal for roll-form converting
- 44 lb. polycoated natural Kraft release liner ideal for roll-form converting
- REACH and RoHS compliant

Additional Details

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Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Adhesive	1.9-2.1	(48-53) +/- 0.1 (3)
Liner	4.0	(102) +/- 10%
Liner 2	3.0	(76) +/- 10 %

Test Method:

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	2.6 oz/in +/- 1.8 oz/in	29 N/m +/- 20N/m

Test Method: ASTM D 903 72 hour dwell

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	385 g +/- 116 g	ASTM D 2979
Expected Exterior Life	Inside Use Only	
Additional Information	Z-Direction Resistance <20 (Ohms/in2) ASTM D 257; Surface Resistivity <200 (Ohms/•) ASTM D 257	
Service Temperature		
Minimum Application Temperature		
Storage Stability	Under Evaluation	

Product Performance and Suitability

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