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

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

FLX070898

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

Features

- 2.0 mil black transfer adhesive
- 2.0 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

Additional Details

DISCLAIMER: FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE. This product is a device component intended solely for further processing, manufacturing, or incorporation into a finished device, and is further intended only for use as a device component on intact skin (i.e., not intended for use in the presence of open sores or wounds nor for applications inside the body). Customer is solely responsible for determining whether this component product is fit for Customer's intended use, including, without limitation, incorporation into Customer's finished device(s), and for performing any additional testing that may be necessary to support Customer's intended use. Customer is solely responsible for ensuring that its use of the component product is in compliance with the applicable laws and for obtaining any necessary clearances or approvals from its use of the component product and any finished device that incorporates the component product.

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon. Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Liner	2.0	51 +/- 10%
Liner 2	3.0	76 +/- 10%

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

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		
Additional Information	Electrical Properties: 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

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.

© 2026 Flexcon, Inc. All rights reserved.