# 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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