

## Technical Data Sheet

### Zebra Fabric

A dual stretch (x & y direction) fabric that is conformable, comfortable and tactile.

Conductive and non-conductive stripes manufactured to any width.

Single piece construction with no ridges and accurate repeatable dimensions.

- Construction**
  - Conductive yarn nylon 110 dtex
  - Non-Conductive yarn textured polyester 110 dtex
  - Elastomer
- Stripe dimensional accuracy** +/- 1mm (+/- 0.039")
- Material width** up to 2.1 mtr (6.9 ft)
- Weight** approx. 129g/mtr<sup>2</sup> (3.8oz/yard<sup>2</sup>)
- Applications**
  - Conductive tracks for wearable technology
  - Rigid sensors (presence sensor using non-conductive interlayer)
  - Conformal sensor/body pressure mapping (using resistive interlayer)

**Resistance -v- %age Stretch in x**

