



e-stretch tape

GM-WV13

Polyester, Nylon(Silver)
Polyurethane
10mm



- **Conductive stretch tape by silver-plated fiber**
- **Demonstrates excellent electrical-resistance characteristics**
- **This products are excellent in repeat extension recovery properties using elastic fiber**
- **Silver-plated fiber has antibacterial, deodorant, heat retention and heat insulation performance**
- **Oral and skin safe**

<How to use e-stretch>

- **Conductive effect, wearable**

Vital sensing

Wrist or ankle band

headband

- **Static electricity suppression effect**

Apron, workingwear

- **Antibacterial and deodorant effect**

Mask-elastic cord, adhesive plaster, bandage



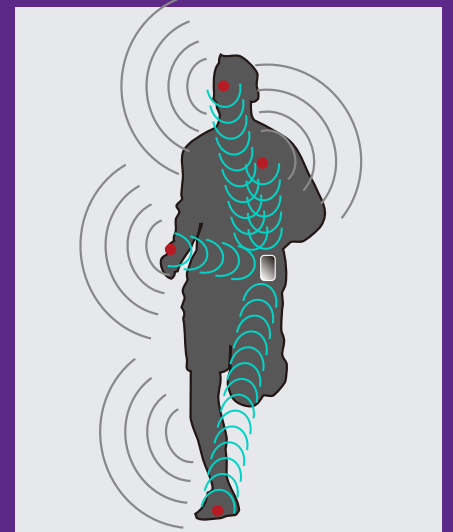
•Robot arm wiring



•EEG measurement headband



•Vital sensing

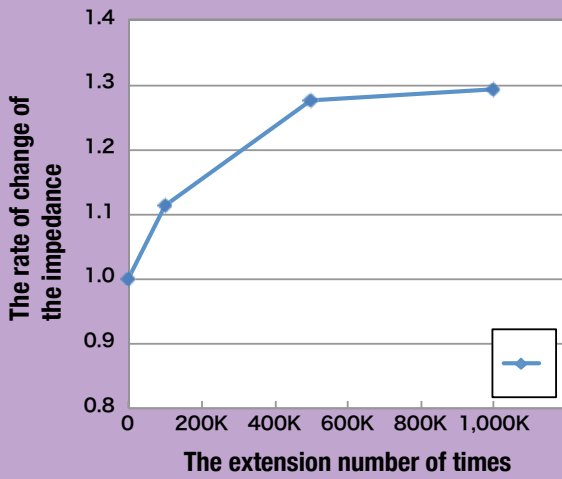


•Wearable

• The rate of change of the impedance by repeat extension

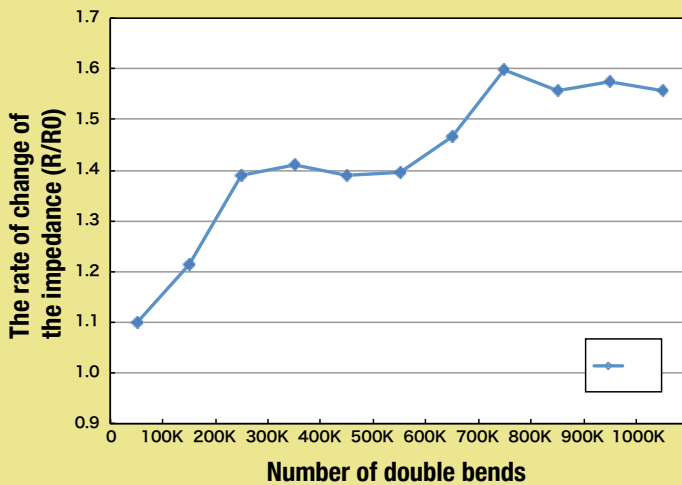
Length : 60mm
 Frequency : 1Hz
 Extension : 120% Equipment: Air servo

The extension number of times	Impedance (ohm /m)	The rate of increase
0	26.58	1.00
100K	29.57	1.11
500K	33.92	1.28
1000K	34.35	1.29



• The rate of change of the impedance by winding

Length : 200mm The weighting amount : 45g
 The wind angle: +90 The time wind speed: 1.5 time /sec
 Bar diameter : 10mm Bar width : 3mm



Number of double bends	Impedance (ohm /m)	The rate of change
0	18.52	1.00
100K	19.57	1.06
200K	21.19	1.14
300K	21.40	1.16
400K	21.19	1.14
500K	21.26	1.15
600K	21.90	1.18
700K	23.12	1.25
800K	22.74	1.23
900K	22.92	1.24
1000K	22.74	1.23