



Pressure-Sensitive Conductive Sheet (Velostat/Lingstat)

PRODUCT ID: 1361

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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



DESCRIPTION

This conductive material (also known as "Velostat" or "Lingstat") is a nice addition for your wearable/sensor hacking toolkit. It's pressure-sensitive: squeezing it will reduce the resistance, so it's handy for making flexible sensors. And it's a lot less expensive than off-the-shelf pressure or bend sensors too! Each order comes with a 11"x11" (28cm x 28cm) 4mil (0.1mm) thick piece. We may fold the sheet into quarters to ship it to you. To remove any hard creases, simply lay flat on a table and put a heavy book on top to flatten it out.

[This presentation from Hannah Perner-Wilson \(plusea\) has a lot of great ideas for how to use this material.](#)

PIXEL Guts! New Products 5/11/2013





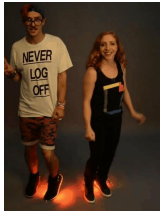
Pressure-Sensitive Conductive Sheet (Velostat/Linqstat) (7:44)



TECHNICAL DETAILS

- Dimensions: 11" x 11" (280mm x 280mm)
- 4 mil / 0.1mm thick
- Weight: 18.66g
- Temperature Limits : -45°C to 65°C (-50°F to 150°F)
- Heat Sealable : Yes
- Volume Resistivity : <500 ohm-cm
- Surface Resistivity : < 31,000 ohms/sq.cm

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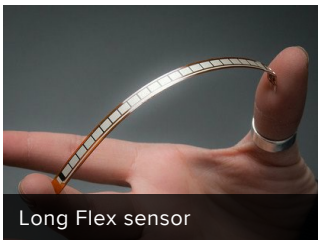
MAY WE ALSO SUGGEST...



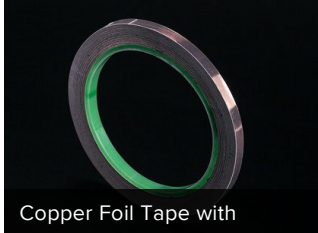
Bare Conductive Paint Pen -



Square Force-Sensitive



Long Flex sensor



Copper Foil Tape with



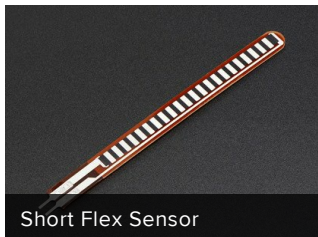
Woven Conductive Fabric -



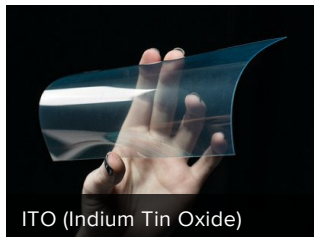
Round Force-Sensitive



Copper Foil Tape with



Short Flex Sensor



ITO (Indium Tin Oxide)



Conductive Rubber Cord



3M Z-Axis Conductive Tape



Flex PCB Material - Pyralux -

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