

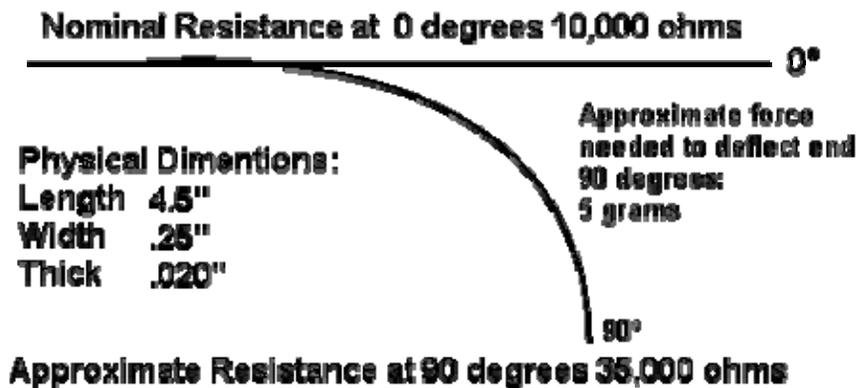
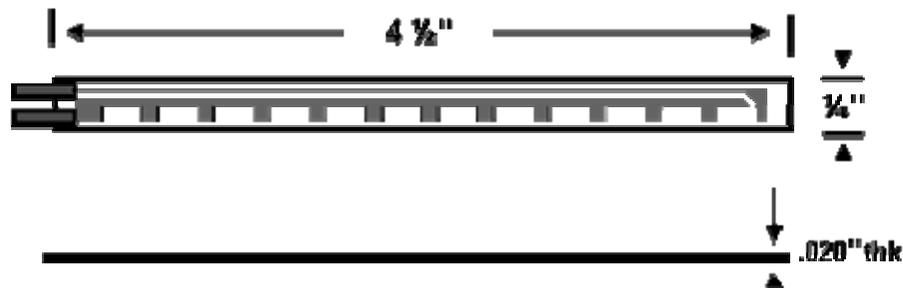
Flexible Bend Sensor Description and Specification

The Flex Sensor is a unique component that changes resistance when bent. An un flexed sensor has a nominal resistance of 10,000 ohms (10 K). As the flex sensor is bent the resistance gradually increases. When the sensor is bent at 90 degrees its resistance will range between 30-40 K ohms.

The flex sensor may be bent greater than 360 degrees depending upon the radius of the curve. Operating temperature is -45F to 125F.



The sensor measures 1/4 inch wide, 4 1/2 inches long and only .019 inches thick!



Some applications for the Flex Sensor are:

- Collision detection on mobile robots
- VR Gloves and VR suits
- Physics applications and experiments