



Royole's Proprietary Flexible Sensors

The Ultimate Touch Sensors

Royole's flexible sensor technology can be easily integrated into our flexible displays and any application in place of conventional touch panel interfaces. Our sensors can be manufactured in a wide range of sizes and applied to numerous materials. Highly transparent and truly flexible, our sensor technology is capable of curving or bending to a very small radius, while delivering high precision, linearity, and sensitivity.

Flexible Sensors



Flexible Sensor Advantages

- Small bending radius of 3 mm (sensor operational after 200,000 bends)
- 30% thinner and 50% lighter than rigid touch sensors
- Customizable sizes ranging from 1" to 7" (single layer) and 21" (double-layer)
- Suitable materials include leather, fabric, wood, paper, PVC Imitation Marble, and more
- Highly versatile, supports novel and innovative designs, and easily integrates with flexible displays
- Can be manufactured to thin or bezel-less designs in a variety of shapes
- Lower resistivity material improves flexibility in wire routing designs
- Excellent optical properties, low haze, high transparency



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