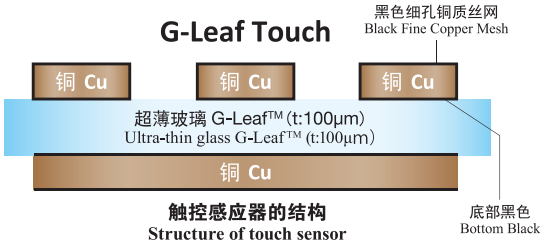
黑色铜网触控感应板采用超薄玻璃 G-Leaf ™ Touch

Black Copper Mesh Touch Sensor Sheet using Ultra-thin Glass G-Leaf™ Touch

我们已研发出黑色铜网触控感应板，采用超薄玻璃G-Leaf™，适合电容式触控感应器。感应板结合可挠式玻璃和铜网，为世界首创。

We have developed the black copper mesh touch sensor sheet using ultra-thin glass G-Leaf™ for electrostatic capacitance type of touch sensor. The sensor sheet combined thin and flexible glass substrate and copper mesh is the world's first development.

金属网格 Metal mesh



触控感应器的结构
Structure of touch sensor

特 点 Features

- 清晰的能见度
- 极佳电气特性
- 适合触控面板的大型区域
- 耐用性高
- 可对应曲面产品

- Clear visibility
- Excellent electric properties
- Suitable for large area of touch panel
- High durability
- Available for cylindrical shape

	G-Leaf Touch		
基板 Substrate	G-Leaf	树脂薄膜 Resin film	树脂薄膜 Resin film
电极 Electrode	铜网 Copper mesh	铜网 Copper mesh	ITO
薄片电阻 Sheet resistance	低电阻 Low	低电阻 Low	高电阻 High
耐用性 Durability	◎	×	×
抗刮伤性 Scratch resistance	◎	×	×
可挠性 Flexibility	○	◎	×
光学特性（摩尔纹和偏光不匀） Optical properties (Moire and irregularity of polarization)	○	×	×

◎：优 Excellent　○：良 Good　×：差 Not good

应用范例 Applications

- 耐用的触控面板和触控开关
- 曲面触控面板和触控感应器
- 免触控感应器（车载、家用电器、电子看板等）

- Durable touch panel and touch switch
- Curved touch panel and touch sensor
- Touch-free sensor (In-vehicle, Home electronics, Digital signage, etc.)

Nippon Electric Glass