

## LCP - SILICONE-BASED INSULATING FABRIC ROLL (30CMX1M)



SKU: 981134A



### INSULATING FABRIC FOR PCB ASSEMBLY

**LC-P - Plastic insulator with high thermal conductivity**, suitable for assembling components without the use of silicone grease. Thanks to its very low thermal impedance, this **silicone-based insulating fabric** allows thermal transfer without the need to use grease, while maintaining high insulation (1300-4000 V).

Minimum order quantities: **50 meters and multiples** (Length).

#### Specifications

- Sheet dimensions (Width x Length): **30 cm x 1 m**
- Colour: **Grey** - Finishing: Smooth
- Material: Silicone-based fabric - Reinforcement layer: **Fiberglass**
- Thickness ( $\pm 0.05$ ): 0.23 ~ 0.8 mm
- **Mechanical properties:**
  - Specific gravity: 2.5 g/cm<sup>3</sup>
  - Tensile strength: 18 kgf/cm<sup>2</sup>
  - Elongation: 3%



Hardness:  $85 \pm 5$  Shore A

- **Electric properties:**

Voltage breakdown: 4.5 kV

Volume resistivity:  $>10^{10}$  Ohm cm

- **Thermal properties:**

Thermal conductivity: 0.3 W/m.k

- Operating temperature:  $-40 \sim +80$  °C

- Regulatory: V-0 Flammability rating (UL94), RoHS, PFOA, PFOS, SVHC.