

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 quantites: 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 (± 0.05): 0.23 ~ 0.8 mm

Mechanical properties:
 Specific gravity: 2.5 g/cm³

Tensile strength: 18 kgf/cm²

Elongation: 3%



Hardness: 85 ± 5 Shore A

• Electric properties:

Voltage breakdown: 4.5 kV

Volume resistivity: >1010 Ohm cm

• Thermal properties:

Thermal conductivity: 0.3 W/m.k
• Operating temperature: -40 ~ +80 °C

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