

LT-EMT Series

Electrical & Mastic Tapes

The Lamatel LT-EMT series is engineered for superior electrical insulation, moisture sealing, and environmental protection. Designed for demanding applications, these self-bonding and waterproof tapes provide long-lasting reliability across industrial, utility, and telecom environments.

Key Features

- Excellent dielectric insulation
- Superior moisture sealing for indoor, outdoor, and direct-burial use
- Self-bonding, conformable, and easy to apply on irregular surfaces
- Excellent resistance to UV, ozone, corrosion, and chemicals
- High elongation and tensile strength for durable performance
- RoHS compliant and environmentally safe

Applications

- Primary insulation of low-voltage splices and connectors
- Moisture sealing for outdoor terminations
- Cable sheath repair and re-jacketing
- Stress relief and padding on irregular components
- Medium-voltage insulation up to 10 kV (LT-EMT-2166 only)
- Suitable for telecom, utility, and industrial environments



Model	LT-EMT-50B10	LT-EMT-18B20	LT-EMT-2166
Type	Rubber Electrical Mastic Tape	Rubber Electrical Mastic Tape	Waterproof Sealing Electrical Tape
Size	50mm × 0.18mm × 10m	18mm × 0.18mm × 20m	63.5mm × 3.175mm × 600mm
Material	PVC + EPDM/Mastic	PVC + Rubber/Mastic	Butyl Rubber + PE backing
Color	Black	Black	Black
Tensile Strength	>40 N/mm ²	>40 N/mm ²	1.03–1.65 N/mm ²
Elongation	≥200 %	≥200 %	≥750 %
Stickiness	4–8 N/10mm	4–8 N/10mm	17–22 N/10mm
Heat Resistance	70 °C / 168 h	70 °C / 168 h	70 °C / 168 h
Temperature Range	–55 °C to +105 °C	–55 °C to +105 °C	–18 °C to +55 °C
Voltage Rating	Up to 1 kV	Up to 1 kV	Up to 10 kV
RoHS	Yes	Yes	Yes

Wide-area professional applications

General use splicing & repairs

Harsh outdoor & buried connections

