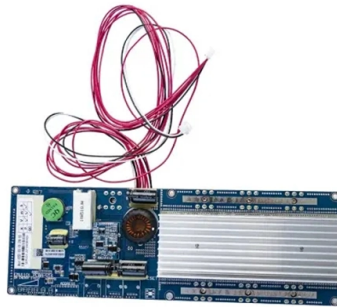


Low-voltage busbar heat shrink equipment



Article Overview

Low-voltage busbar heat shrink tubing provides flexible, durable insulation for busbars up to 1 kV, protecting against electrical leakage, short circuits, and environmental damage.

Applications

Low-voltage busbar heat shrink tubing is widely used for insulating busbars in switchgear, substations, motor control centers, and other electrical equipment. It is suitable for both enclosed and exposed busbars and can accommodate curved or bent busbars of circular and rectangular cross-sections. This makes it ideal for compact switchgear cabinets where reducing phase-to-phase distance is critical to prevent accidental short circuits and ensure personnel safety .

Material and Properties

The tubing is typically made from polyolefin or specially formulated thermoplastic polymers with UV resistance, flame retardancy, and high dielectric strength. TE Connectivity's Raychem LVIT tubing, for example, uses a cross-linked polymer design that ensures tight adhesion to the busbar and provides a moisture-resistant seal . Volsun and KTG Electronics also offer similar heat shrink busbar tubing with excellent insulation, sealing, and flexibility for low-voltage applications .

Installation Methods...

Article Content

Mar 03, 2026

Heat Shrink Tape, Heat Shrinkable Polyolefin Tape, Heat-Shrinkable

Bus Tape is heat shrink tape specially designed for insulating and protecting medium voltage Bus Bar Connections. It is very

Nov 18, 2025

Cables, Wires

Shop DigiKey's large in-stock selection of Heat Shrink Tubing. View inventory, pricing and order now for same day shipping!

Apr 24, 2026

Busbar Heat Shrink Tube Automatic Cutting Machine M-08□Servo

The TATE M-08 Busbar Heat Shrink Tube Automatic Cutting Machine is an advanced, high-precision machine

Oct 15, 2025

Busbar Heat Shrink Sleeves Manufacturers

At Ram Industries, we produce premium-quality PVC heat shrinkable lay flat tubing, specifically designed to offer superior electrical

Aug 13, 2025

BUSBAR TUBE 1KV LOW VOLTAGE HEAT SHRINK INSULATION

protecting bus bar against flashover caused by accidental bridging. Allows the air spacing between bus bar to be kept at minimum when

Jun 14, 2026

Raychem LVBT Busbar Tubing

LVBT Busbar Tape Low Voltage Busbar Insulating Heat Shrink Tape (1000v) Contact us for quotes, technical questions or delivery

Dec 04, 2025

REMTEK LOW VOLTAGE HEATSHRINK BUSBAR TAPE

HST Busbar Insulation Tapes are designed to be compatible with other products in the low voltage insulation range, and are suitable

Sep 24, 2025

RAYCHEM LVIT

RAYCHEM LVIT - LOW VOLTAGE INSULATING TUBING - HEAT SHRINKABLE LVIT is a black, medium wall, heat shrinkable,

May 19, 2026

Electrical Heat Shrink Tubing

TE offers electrical heat shrink tubing from Raychem. Our parts are flame retardant that provide insulation and resistance to abrasion.

Feb 10, 2026

Heat Shrinkable Busbar Insulation Tube

Halogen Free Busbar Insulation Heat Shrinkable Tube for Low voltage (1kV) CLBT medium wall halogen free bus bar insulation tube

Jan 20, 2026

Heat Shrink Tubing & Heat Shrink Machines | DSG

Find the best heat shrink tubing for insulation, sealing, protection & identification for applications & custom

May 21, 2026

Safety Distance for Low-Voltage Busbars

Switchgear busbars: Heat-shrink insulation or surface coatings improve contamination resistance and reduce arc discharge risks,

Jan 15, 2026

Shrink Polymer System Medium Voltage Busbar Heat Shrink Tubing

Pictured: Shrink Polymer System Medium Voltage Busbar Tube SPS busbar tubings are suitable for enclosed and

Aug 08, 2025

Heat Shrink Bus Bar Sleeves Manufacturer & Exporter | Busbar

Amar Industries manufactures and exports Heat Shrink Bus Bar Sleeves for insulation and protection of copper and aluminum

Jan 30, 2026

HEAT SHRINKABLE SLEEVES/TUBES

Heat Shrinkable tubes are manufactured from high quality non-tracking, non-halogen, cross-linked based polymer which has

Oct 15, 2025

Insulating Tapes | Insulation Enhancement System

Medium Voltage Heat Shrink/ Fusion tapes. HVBT heat-shrinkable tape is ideal for use on complex shapes and where busbars

Nov 07, 2025

10KV heat shrink bus bar tubing BH-BBT-10KV

BH-BBT-10KV 10KV heat shrink bus bar tubing provides high resistance to tracking and arcing and used

May 25, 2026

Energy Division

Product description LVIT is a black, medium wall, flame retarded heat-shrinkable tubing suitable for insulating busbars up to 1 kV.

Dec 13, 2025

DUWAI HB0

Red, yellow, blue, green, white and black for color distinction 1KV low-voltage insulated busbar heat

Jan 21, 2026

Heat Shrink Insulation Tubing

Heat-shrinkable busbar insulation tubing. Busbar heat-shrinkable tubing are suitable for use on long runs of rectangular or round

Jun 14, 2026

Heat Shrink Busbar Tubing | Insulating Tubing | KTG Electronics

This page shows three types of busbar heat shrink tubing for 1kV, 10kV and 35kV applications. This busbar tubing has a perfect

Mar 04, 2026

Heat Shrink Busbar Insulation Tubing

The COMPAQ CBIT Busbar Insulation Tubing is engineered to provide safe, space-efficient insulation for copper and aluminium

Mar 21, 2026

TE Raychem Busbar Insulation Tubing

TE's Raychem busbar insulation tubing is a thick-wall heat-shrinkable tubing for copper and aluminum

Oct 24, 2025

3M™ Heat Shrink Tubing BBI | 3M United States

3M™ Bus Bar Heat Shrink Tubing BBI is a flame retardant tubing that provides reliable protection and

Contact Us

For more information, pricing, or custom solutions, please contact us:

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