

Heat Shrink Tube

Heat-shrink tubing is a versatile protective sleeve made from radiation-crosslinked polyolefin or other specialized polymer materials. When heated, it shrinks radially to conform tightly to the substrate, providing electrical insulation, mechanical protection, environmental sealing, and stress relief.

KEY FEATURES

1. Reliable Insulation
2. Waterproof Sealing (Dual-Wall)
3. Quick Installation
4. Strong Adaptability
5. Durable Protection

APPLICATIONS

1. Electronics & Electrical
2. Automotive Wiring
3. Industrial Equipment
4. Outdoor & Telecom
5. General Maintenance

PRODUCT SPECIFICATIONS

1. Product Composition:

Outer Layer (Substrate): Radiation-crosslinked polyolefin, providing mechanical protection, insulation, and heat-shrinkable performance.

Inner Layer (Adhesive): High-performance hot-melt adhesive, providing adhesion and sealing to the outer wall of cables or steel pipes, critical for waterproofing and moisture resistance.

2. Technical Parameters

Property	Typical Value	Test Method
Tensile Strength	≥10 - 20 MPa	ASTM D 2671
Elongation at Break	≥300% - 550%	ASTM D 2671
Dielectric Strength	≥22 - 36.9 kV/mm	IEC 60243
Volume Resistivity	≥1×10 ¹³ Ω·cm	IEC 60093
Operating Temperature Range	- 45°C to +125°C	Design Value / Industry Standard

