

THICK-WALLED NON-WATERPROOF PROTECTIVE TUBING

DESCRIPTION

The thick non-waterproof heat shrink tubing is a specially designed shrinkable tube that provides enhanced mechanical protection for electrical cables in industrial, automotive, and other demanding applications. Unlike waterproof tubing, this version offers robust insulation without being designed to protect against water or moisture. However, it excels in shielding against mechanical stress, heat, and other harsh environmental conditions.



SPECIFICATIONS

- Operating Temperature: From -55 °C to +135 °C (depending on the specific polymer type used), providing a broad temperature range suitable for various applications.
- Shrink Ratio: 3:1.
- Wall Thickness: Thick, typically between 0.6 mm and 1.2 mm, offering reinforced protection against abrasion, impacts, and mechanical stress.
- Operating Voltage: Up to 600 V for standard applications.
- Offers high resistance to impacts, friction, and abrasion.
- Maintains flexibility even after shrinking.
- Resists chemicals, oils, and solvents, making it ideal for industrial or automotive applications.
- Provides moderate UV resistance (though not completely waterproof or liquid-resistant).

APPLICATION

- Ensures reliable protection and insulation of cables in electrical installations and industrial environments, including manufacturing plants and telecommunication equipment.
- Ideal for automotive and aerospace applications requiring reinforced protection against wear and tear.
- Protects cables in environments with high mechanical stress, such as construction sites, heavy industrial equipment, and machinery.
- Suitable for cable connections exposed to challenging conditions, including high temperatures, abrasion, and chemical exposure.