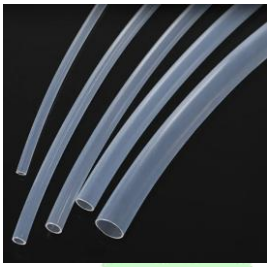
UFLARE
ELECTRONICS LLP
INNOVATION MEETS SPARK

UFlare Electronics LLP

Etched PTFE Tube


Etched PTFE tubing is chemically surface-treated to enable bonding with other materials and offers excellent high-temperature resistance (up to 260 °C), corrosion resistance, insulation, and mechanical strength. It is widely used in electrical, computer, chemical, aerospace, military, transmission, and other high-temperature industrial applications.

UF-PTFE PTFE high transparency

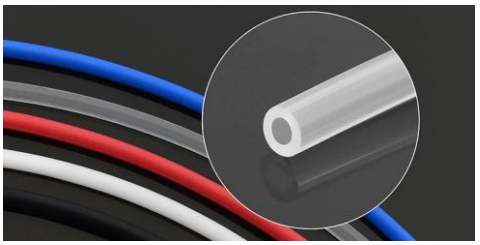



PTFE tubing operates in a wide temperature range of −80 °C to 260 °C and offers excellent high-temperature resistance, corrosion resistance, insulation, and mechanical strength. It is widely used in household appliances, medical, and other industries, mainly for injection needles with Shore hardness of 55–65.

UF-PVC PVC Insulation tube

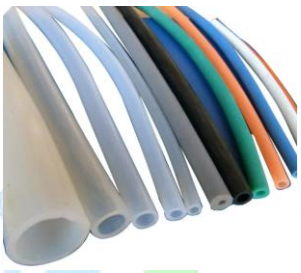

PVC tubing operates within a temperature range of −10 °C to 105 °C, offers 300V/600V voltage tolerance with reliable insulation, and is suitable for protecting connectors, electronic components, toys, motors, automotive wire harnesses, and transformers.

UF-PTFE PTFE Tube

PTFE tubing operates from −80 °C to 260 °C and provides excellent voltage tolerance, corrosion resistance, wear resistance, and low-friction lubricity. It is widely used in mechanical systems, electronic appliances, automobiles, aviation, chemical engineering, and communication industries.

UF-SRT Silicone rubber tube




Silicone rubber tubing operates from −60°C to 200°C and offers high insulation, tensile strength, heat resistance, moisture resistance, durability, and flexibility. It is used for odor-, frost-, and heat-resistant wire insulation in electrical, electronic, communication, printer equipment, and food and pharmaceutical appliances.

UF-TW(EV)Single wall polyolefin heat shrink tube


Single-wall polyolefin heat-shrink tubing for EV bus bar insulation features a 2:1 shrink ratio, −55 °C to 180 °C operating range, UL224 VW-1 flame resistance, excellent insulation and voltage performance, and is halogen-free, low-smoke, RoHS and REACH compliant for use in electronics and infrastructure applications.

UF-TW(LS)low temperature thin wall shrink tube


This 2:1 polyolefin heat-shrink tubing operates from −55 °C to 125 °C, shrinks quickly at low temperatures, is halogen-free, low-smoke, RoHS & REACH compliant, UL224 VW-1 flame-retardant, and provides excellent insulation and voltage performance for electronics and infrastructure applications.

UF-SPET PET Super Thin Wall Heat Shrink Tube


PET heat-shrink sleeves are made from polyethylene terephthalate (PET) with a 2:1 shrink ratio, shrink above 70 °C, and operate from −10 °C to 90 °C. They are eco-friendly, heat-resistant, stable, and resist re-contraction, making them an ideal PVC alternative for use on capacitors, batteries, inductors, and other electronic components.

KB-TW(GP)Gas pipe Heat Shrink Tube


This 2:1 polyolefin heat-shrink tubing operates from −55 °C to 125 °C, shrinks from 70 °C, is halogen-free, low-smoke, RoHS & REACH compliant, UL224 VW-1 flame-retardant, and provides reliable insulation for electronics and infrastructure applications.

UF-TW(Y/G)Yellow green shrink tube

This 2:1 heat-shrink tubing made from cross-linked modified polyolefin operates from −55 °C to 125 °C, shrinks from 70 °C (full recovery at 120 °C), is halogen-free, low-smoke, RoHS & REACH compliant, UL224 VW-1 flame-retardant, and provides excellent insulation for electronics and infrastructure applications.