YUXI



HEAT-SHRINKABLE TUBING

PRODUCT DATA SHEET

AMPP CORPORATE MEMBER

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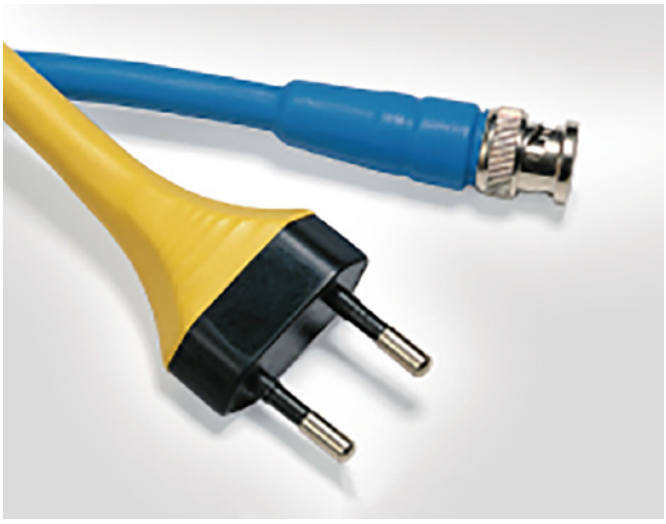
PRODUCT DATA SHEET

HEAT-SHRINKABLE TUBING

Heat-shrinkable tubing is a type of extruded plastic tubing that can be cut to size and fitted over a wire or cable joint to protect and insulate the connection. When heated is applied the tubing shrinks permanently providing a protective seal. The sleeve is made of polyvinylidene fluoride (PVDF) which resists external abrasion and the erosion of most chemical substances. The internal surface is coated with hot melt adhesive which can completely seal the nozzle after heat shrinkage and protect against moisture ingress. With excellent thermal stability and watertight sealing, our heat-shrinkable tubing are commonly used incable splice protection, metal pipe corrosion, and electrical applications.









TYPICAL PROPERTIES

Technical Measurement	Test Method	Test Method
Tensile Strength	ASTM D-2671	> 10.4 MPa
Tensile Strength After Thermal Aging	158 °C / 168 hrs.	Remains 70%
Dielectric Strength	ASTM D-2671	≥ 11.9 kV/mm
Volume Resistivity	IEC 93	> 10^{14} Ω•cm
Elongation at Break	ASTM D-2671	≥ 300%
Elongation at Break After Thermal Aging	158°C / 168 hrs.	≥ 100%
Shrink Temperature	/	100 °C ~ 150 °C
Working Temperature	UL 224	-55 °C ~ +125 °C

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HEAT-SHRINKABLE TUBING

SPECIFICATIONS

Item No.	Sleeve Diameter (Min.)	Shrunk Diameter (Max.)	Shrunk Wall Thickness	Adhesive Thickness	Length (per roll)
YX-HST-3	3.2 mm ($^1/_8$")	1 mm (0.04")	0.9 mm (0.04")	0.35 mm (0.014")	200 m (656 ft.)
YX-HST-4	4.8 mm ($^3/_{16}$")	1.6 mm (0.06")	1 mm (0.04")	0.4 mm (0.016")	100 m (328 ft.)
YX-HST-6	6.4 mm ($^1/_4$")	2.2 mm (0.09")	1.25 mm (0.05")	0.45 mm (0.018")	100 m (328 ft.)
YX-HST-7	7.9 mm ($^5/_{16}$")	2.7 mm (0.11")	1.3 mm (0.05")	0.5 mm (0.02")	100 m (328 ft.)
YX-HST-9	9.5 mm ($^3/_8$")	3.2 mm (0.13")	1.4 mm (0.06")	0.5 mm (0.02")	50 m (164 ft.)
YX-HST-12	12.7 mm ($^1/_2$")	4.2 mm (0.17")	1.7 mm (0.07")	0.5 mm (0.02")	36.6 m (120 ft.)
YX-HST-15	15 mm ($^5/_8$")	5.2 mm (0.2")	1.8 mm (0.07")	0.55 mm (0.022")	30.5 m (100 ft.)
YX-HST-19	19.1 mm ($^3/_4$")	6.3 mm (0.25")	1.95 mm (0.08")	0.55 mm (0.022")	30.5 m (100 ft.)
YX-HST-25	25.4 mm (1")	8.5 mm (0.33")	2.05 mm (0.08")	0.55 mm (0.022")	30.5 m (100 ft.)
YX-HST-30	30 mm ($1^1/_4$")	10.2 mm (0.4")	2.2 mm (0.09")	0.6 mm (0.024")	24.4 m (80 ft.)
YX-HST-39	39 mm (1.5")	13.5 mm (0.5")	2.5 mm (0.1")	0.6 mm (0.024")	18.3 m (60 ft.)
YX-HST-50	50 mm (2")	17 mm (0.7")	2.8 mm (0.11")	0.7 mm (0.03")	12.2 m (40 ft.)
YX-HST-64	64 mm (2.5")	21 mm (0.8")	3 mm (0.12")	0.7 mm (0.03")	6.1 m (20 ft.)
YX-HST-75	75 mm (3")	25 mm (1")	3 mm (0.12")	1 mm (0.04")	1.22 m (4 ft.)
YX-HST-90	90 mm (3.5")	30 mm (1.2")	3 mm (0.12")	1 mm (0.04")	1.22 m (4 ft.)
YX-HST-100	100 mm (4")	34 mm (1.3")	3 mm (0.12")	1 mm (0.04")	1.22 m (4 ft.)
YX-HST-125	125 mm (5")	42 mm (1.7")	3 mm (0.12")	1 mm (0.04")	1.22 m (4 ft.)

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Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.

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