



Heat Shrink Tube

YUXI heat shrinkable tube is a kind of heat shrinkable anti-corrosion material designed for anti-corrosion of welded joints of buried and overhead steel pipelines and thermal insulation joint repair of thermal insulation pipelines. It can also be used for sealing and anti-corrosion of pipeline flange connections. It is composed of radiation crosslinked polyolefin substrate and special sealing hot melt adhesive. The special sealing hot melt adhesive can form good adhesion with polyolefin substrate, steel pipe surface and solid epoxy coating. When the heat shrinkable sleeve is heated and installed, while the base material shrinks radially, the internal composite adhesive layer melts and is tightly wrapped at the joint repair. Together with the base material, it forms a firm anti-corrosion body outside the pipeline, which has excellent wear resistance, corrosion resistance, impact resistance and good UV line and light aging resistance.

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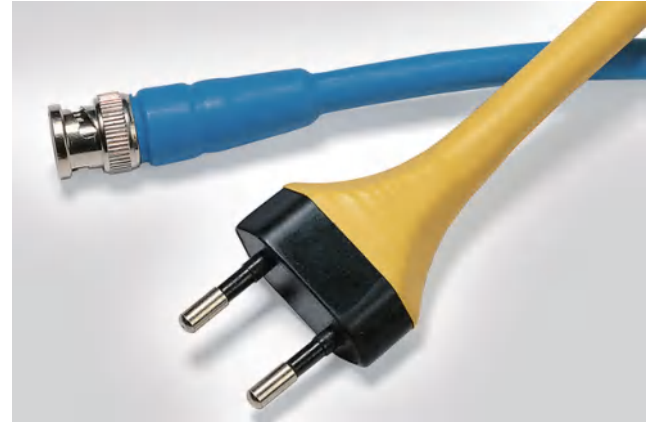
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APPLICATIONS

- ▶ Harness protection
- ▶ Electrical insulation of connectors
- ▶ Rust and corrosion protection of solder joints
- ▶ Mechanical protection



ELECTROCHEMICAL PROPERTIES

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	>10.4MPa
Tensile Strength After Aging(158°C/168hours)	ASTM D 2671	Remains70%
Elongation at Break	ASTM D 2671	>300%
Elongation at Break After Aging(158°C/168hours)	ASTM D 2671	100%
Volume Resistance	IEC 93	>10 ¹⁴ Ω.cm

SPECIFICATIONS

Sizes		As Supplied	After Recovery(mm)			Standard Package
Inch	mm	Internal Diameter (mm)	Inertnal Diameter	Total Wall Thickness	Wall Thickness of Adhesive	m/spool
1/8.	3.2	3.2	1	0.90±0.15	0.35±0.10	200
3/16.	4.8	4.8	1.6	1.00±0.15	0.40±0.10	100
1/4.	6.4	6.4	2.2	1.25±0.15	0.45±0.12	100
5/16.	7.9	7.9	2.7	1.30±0.15	0.50±0.12	100
3/8.	9.5	9.5	3.2	1.40±0.15	0.50±0.12	50
1/2.	12.7	12.7	4.2	1.70±0.15	0.50±0.12	36.6
5/8.	15	15	5.2	1.80±0.15	0.55±0.15	30.5
3/4.	19.1	19.1	6.3	1.95±0.15	0.55±0.15	30.5
1	25.4	25.4	8.5	2.05±0.20	0.55±0.15	30.5
1-1/4	30	30	10.2	2.20±0.20	0.60±0.15	24.4
1-1/2	39	39	13.5	2.50±0.20	0.60±0.15	18.3
2	50	50	17	2.80±0.25	0.70±0.15	12.2
5/2.	64	64	21	3.00±0.25	0.70±0.15	6.1
3	75	75	25	3.00±0.30	1.00±0.20	1.22
7/2.	90	90	30	3.00±0.30	1.00±0.20	1.22
4	100	100	34	3.00±0.30	1.00±0.20	1.22
5	125	125	42	3.00±0.30	1.00±0.20	1.22