

**HST-PTFE High Temperature heat shrink tube**



**Description:**

**HST-PTFE High Temperature heat shrink tube is**

Designed to provide insulation and mechanical protection in severe chemical and thermal environments. Used to cover hydraulic hose and couplings to prevent contamination and corrosion. The high mechanical strength and extremely low coefficient of friction make it good for reducing damage to bearing shafts and similar applications.

**Product Features/Benefits:**

- Excellent heat resistance
- High flame-resistance
- Excellent Corrosion resistance, strong acid, strong alkali, chemical reagent, oil resistance
- RoHS compliant

**Installation:**

Minimum shrink temperature: 350°C

**Operating Temperature Range:** -65°C to 200°C

**Technical index:**

<b>Performance:</b>	<b>Index:</b>	<b>Test according:</b>
Tensile Strength	≥30MPa	ASTM D 2671
Elongation at break	≥15 0%	ASTM D 2671
Elongation at break after heat aging	≥100%	175°C×168h
Volume resistivity	≥10 <sup>13</sup> Ω .cm	IEC 60093
Flame retardant	Pass	UL 224 VW-1
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Cold-formed flexibility	No cracks	-55°C×4h
Thermal shock	No cracks	250°C×4h
Copper corrosion	No corrosion	180°C×168h
Copper stable	No degradation	180°C×168h

**Specifications:(can be produced according to given specification)**

<b>Spec AWG</b>	<b>Inside Diameter (mm)</b>	<b>Outside Diameter (S)</b>	<b>Outside Diameter (T)</b>	<b>Outside Diameter (L)</b>	<b>Standard Package(m/set)</b>
30	0.30±0.10	0.80±0.10	0.70±0.10	0.60±0.10	305
28	0.38±0.10	0.88±0.10	0.78±0.10	0.68±0.10	305
26	0.46±0.10	0.96±0.10	0.86±0.10	0.78±0.10	305
24	0.56±0.10	1.16±0.10	1.06±0.10	0.86±0.10	305
23	0.66±0.10	1.26±0.10	1.16±0.10	0.96±0.10	305
22	0.71±0.10	1.31±0.10	1.21±0.10	1.01±0.10	305
21	0.81±0.10	1.41±0.10	1.31±0.10	1.11±0.10	305
20	0.86±0.10	1.66±0.10	1.46±0.10	1.16±0.10	305
19	0.96±0.20	1.76±0.20	1.56±0.20	1.26±0.20	200
18	1.07±0.20	1.87±0.20	1.67±0.20	1.37±0.20	200
17	1.19±0.20	1.99±0.20	1.79±0.20	1.49±0.20	200
16	1.34±0.20	2.14±0.20	1.94±0.20	1.64±0.20	153
15	1.50±0.20	2.30±0.20	2.10±0.20	1.80±0.20	153
14	1.68±0.20	2.48±0.20	2.28±0.20	2.08±0.20	100
13	1.93±0.20	2.73±0.20	2.53±0.20	2.33±0.20	100
12	2.16±0.25	2.96±0.25	2.76±0.25	2.56±0.25	100
11	2.41±0.25	3.21±0.25	3.01±0.25	2.81±0.25	150
10	2.86±0.25	3.49±0.25	3.29±0.25	3.09±0.25	150

\* Customized dimensions are available on request

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