

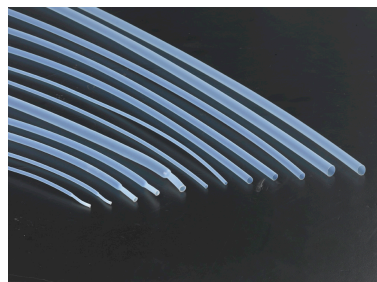
BH-PTFE

PTFE TEFLON HEAT SHRINKABLE TUBING

Features/Applications

BH-PTFE is manufactured with polytetrafluoroethylene (PTFE). Specially designed for applications where very high temperature and chemicals resistant extreme electrical insulation an highly flame retardant are required such as in the field of automotive , military and aerospace.

- Shrink ratio: 1.7:1 and 4:1
- Operating temperature: -65°C to +260°C
- Minimum fully recovery temperature: 350°C
- Meet: SAE-AMS-DTL-23053/12
- Standard color: Clear(natural)



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥34.5 MPa
Elongation at break	ASTM D 2671	≥150%
Specific gravity	ASTM D 792	2.30
Heat shock	ASTM D 2671 (400°C, 4 hrs)	No cracking or dropping
Cold bend	ASTM D 2671 (-65°C, 4 hrs)	No cracking
Flammability	ASTM D 2671	Self extinguish
Volume resistance	ASTM D 2671	≥10 ¹⁸ Ω .cm
Dielectric strength	ASTM D 2671	≥34KV/mm
Copper corrosion	UL 224	Pass
Fluid resistance	SAE-AMS-DTL-23053/12	Excellent
Water absorption	ASTM D 570	0.1 Max.

Product Dimensions(mm/inch)

Shrink Ratio 1.7:1

Size (mm)	As supplied ID(mm)	Fully Recovered (mm)		Package
		ID	WT	
Φ1.0	1.0±0.2	≤0.6	0.20±0.05	200m/spool
Φ1.5	1.5±0.2	≤0.9	0.20±0.05	200m/spool
Φ2.0	2.0±0.2	≤1.3	0.20±0.05	200m/spool
Φ2.5	2.5±0.2	≤1.5	0.20±0.05	200m/spool
Φ3.0	3.0±0.2	≤1.8	0.20±0.05	200m/spool
Φ3.5	3.5±0.2	≤2.0	0.20±0.05	100m/spool
Φ4.0	4.0±0.3	≤2.5	0.25±0.05	100m/spool
Φ4.5	4.5±0.3	≤2.8	0.25±0.05	100m/spool
Φ5.0	5.0±0.3	≤3.0	0.25±0.05	100m/spool
Φ6.0	6.0±0.3	≤3.8	0.25±0.05	100m/spool
Φ7.0	7.0±0.3	≤4.0	0.25±0.05	100m/spool
Φ8.0	8.0±0.3	≤4.8	0.25±0.05	1m /pcs
Φ9.0	9.0±0.3	≤5.0	0.30±0.05	1m /pcs
Φ10.0	10.0±0.3	≤5.8	0.30±0.05	1m /pcs
Φ11.0	11.0±0.3	≤6.4	0.30±0.05	1m /pcs
Φ12.0	12.0±0.3	≤7.0	0.30±0.05	1m /pcs

Φ13.0	13.0±0.3	≤7.5	0.35±0.05	1m /pcs
Φ14.0	14.0±0.3	≤8.0	0.35±0.05	1m /pcs
Φ15.0	15.0±0.3	≤8.5	0.40±0.05	1m /pcs
Φ16.0	16.0±0.3	≤9.0	0.40±0.05	1m /pcs

Shrink Ratio 4:1

Size(mm)	Supplied(mm)		Fully Recovered (mm)	
	ID	WT	ID	WT
φ2.0	2.0±0.2	0.10±0.05	≤0.50	0.30±0.05
φ2.5	2.5±0.2	0.10±0.05	≤0.65	0.30±0.05
φ3.0	3.0±0.2	0.10±0.05	≤0.80	0.30±0.05
φ3.5	3.5±0.2	0.10±0.05	≤0.90	0.30±0.05
φ4.0	4.0±0.3	0.10±0.05	≤1.0	0.30±0.05
φ4.5	4.5±0.3	0.12±0.05	≤1.15	0.30±0.05
φ5.0	5.0±0.3	0.12±0.05	≤1.25	0.30±0.05
φ6.0	6.0±0.3	0.12±0.05	≤1.5	0.30±0.05
φ7.0	7.0±0.3	0.12±0.05	≤1.75	0.30±0.05
φ8.0	8.0±0.3	0.15±0.05	≤2.0	0.35±0.05
φ9.0	9.0±0.3	0.15±0.05	≤2.25	0.35±0.05
φ10.0	10±0.3	0.15±0.05	≤2.5	0.35±0.05