

BH-2F(4X)

HIGHLY FLEXIBLE, FLAME RETARDANT POLYOLEFIN TUBING HIGH SHRINK RATIO 4:1

Features/Applications

Tubing is manufactured with specially developed formulation and Technology, it can be easily fit a large diameter connector or transition, And then shrink down onto a smaller diameter jacket. The outstanding physical, chemical and electrical properties make it widely used in Some important fields such as military, aerospace and fine electronic Instruments for insulating or repairing harness, cables and connectors.

- Flame retardant
- Approvals:  125°C VW-1 600V
- Meet: SAE-AMS-DTL-23053/5 Class 1&3
- Material: Meet Standard of Sony-SS-00259, RoHS
- Minimum shrink temperature: 70°C
- Minimum fully recovery temperature: 100°C
- Operating temperature: -55°C~+135°C
- Standard color: Black
- Special color: Red , Blue, Yellow ,Green, White



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	16MPa
Elongation at break	ASTM D 2671	800%
Tensile strength after aging at 175°C for 168 hrs	ASTM D 2671	14MPa
Elongation after aging at 175°C for 168 hrs.	ASTM D 2671	350%
Flammability	UL 224 /VW-1 SAE-AMS-DTL-23053/5	Pass
Heat shock (250°C / 4 hrs.)	ASTM D 2671	No cracking
Cold bend test (-55°C / 4 hrs.)	ASTM D 2671	No cracking
Dielectric strength	ASTM D 150	22KV/mm
Volume resistance	ASTM D 876	10 ¹¹ Ω .cm
Copper Corrosion	UL 224	Pass
Water absorption	ASTM D 570	0.15%
Chemical resistance	SAE-AMS-DTL-23053/5	Pass
Longitudinal shrinkage	UL 224	0±5%
Eccentricity	UL 224	30%

Product Dimensions(mm/inch)

Normal size		As supplied (mm)	After recovered (mm)		Standard length (m/spool)
(mm)	(inch)	Inside diameter (Min.)	Inside diameter (Max.)	Wall thickness (mm)	
19.1/4.6	3/4	19.1	4.6	1.7	1.22
25.4/7	1	25.4	7.0	1.7	1.22
38.1/9.5	1 1/2	38.1	9.5	1.7	1.22
50.8/14.0	2	50.8	14.0	1.7	1.22
76.2/20.6	3	76.2	20.6	1.7	1.22
102/26.7	4	102	26.7	1.7	1.22
115/36.8	4 1/2	115	36.8	1.7	1.22

Special size, cut pieces are available on request