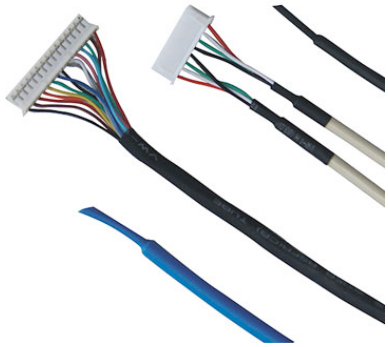
BH-2F(3X)

HIGHLY FLEXIBLE, FLAME RETARDANT POLYOLEFIN TUBING SHRINK RATIO 3:1



Features/Applications

An outstanding physical, chemical and electrical property make it widely used for electrical insulation, bundling and marking to prevent corrosion and provided mechanical protection. 3:1 shrink ratio more suitable for application to irregular , awkward shapes.

- Very flexible, highly flame retardant(except clear)
- Approvals: c UL us 125℃ VW-1 600V
- Meet: SAE-AMS-DTL-23053/5 Class 1&3
- Material: Meet Standard of Sony-SS-00259,RoHS
- Minimum shrink temperature: 70℃
- Minimum fully recovery temperature: 100℃
- Operating temperature: -55℃~+135℃
- Standard color: Black
  Special color: Red ,Blue Yellow ,Green, Clear(class 2)

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℃ for 168 hrs	ASTM D 2671	14MPa
Elongation after aging at 175℃ for 168 hrs.	ASTM D 2671	350%
Flammability	UL 224 / VW-1 SAE-AMS-DTL-23053/5	Pass
Heat shock (250℃ / 4 hrs.)	ASTM D 2671	No cracking
Cold bend test (-55℃ / 4 hrs.)	ASTM D 2671	No cracking
Dielectric strength	ASTM D 150	20KV/mm
Volume resistance	ASTM D 876	$10^{14}\Omega$. 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.)	Wall thickness (mm)	Inside diameter (Max.)	Wall thickness (Min.)	
1.5/0.5	1/16	1.6	0.15	0.5	0.45	200
3.0/1.0	1/8	3.2	0.18	1.0	0.55	200
4.5/1.5	3/16	4.8	0.20	1.5	0.60	100
6.0/2.0	1/4	6.4	0.22	2.0	0.65	100
9.0/3.0	3/8	9.5	0.25	3.0	0.75	100
12.0/4.0	1/2	12.7	0.25	4.0	0.80	50
18.0/6.0	3/4	19.1	0.35	6.0	0.90	50
24.0/8.0	1	25.4	0.45	8.0	1.20	50
39.0/13.0	1 1/ 2	39.0	0.50	13.0	1.25	50