


# BH-2F

## ENVIRONMENT FRIENDLY, FLEXIBLE HIGHLY FLAME RETARDANT HEAT SHRINKABLE TUBING SHRINK RATIO 2:1

### Features/Applications

Provide both commercial and military applications ,electrically insulation and protects in line components, disconnect terminals and splices with its high strength and excellent resilience ,bundle wires for very flexible light duty harnesses. Identifies or color codes, terminals and components.



- Very flexible, highly flame retardant(except clear)
- Resistant to common fluids and solvents
- Approvals:  125°C VW-1 600V1
- Meet: SAE-AMS-DTL-23053/5 Class 1&3
- Meet: Sony-SS-00259,RoHS
- Minimum shrink temperature: 70°C
- Minimum fully recovery temperature: 100°C
- Operating temperature: -55~+135°C
- Standard color: Black, Red ,Blue Yellow ,Green, White, Clear(class 2)

### Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	14MPa
Elongation at break	ASTM D 2671	600%
Elongation after aging (175° / 168 hrs)	ASTM D 2671	350%
Flammability	UL 224 /VW-1 / SAE-AMS-DTL-23053/5	Pass
Heat shock (250 ° / 4hr 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 <sup>14</sup> 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)

Normal Size (mm)	As supplied (mm)		After recovered (mm)		Standard length (m/spool)
	Inside diameter (mm)	Wall thickness (mm.)	Inside diameter (Max.)	Wall thickness (Min.)	
3/64	1.6±0.2	0.20	0.60	0.40±0.08	200
1/16	2.0±0.2	0.20	0.80	0.43±0.08	200
3/32	3.1±0.2	0.25	1.20	0.51±0.08	200
1/8	3.7±0.3	0.25	1.60	0.51±0.08	200
3/16	5.2±0.3	0.25	2.40	0.51±0.08	100
1/4	6.8±0.3	0.30	3.20	0.64±0.08	100
5/16	8.8±0.3	0.30	4.00	0.64±0.08	100
3/8	10.7±0.4	0.30	4.80	0.64±0.08	50
1/2	13.7±0.4	0.30	6.40	0.64±0.08	50
5/8	16.7±0.4	0.35	8.00	0.76±0.08	50
3/4	20.5±0.4	0.40	9.50	0.76±0.08	50
1	26.5±0.4	0.45	12.70	0.89±0.12	50
1 1/4	33.5±0.7	0.45	15.90	1.02±0.15	50
1 1/2	41.0±0.8	0.50	19.10	1.02±0.15	50
2	52.0±1.0	0.50	25.40	1.14±0.16	50
3	82.0±1.0	0.55	38.10	1.27±0.20	30
4	104.0±1.0	0.55	50.80	1.40±0.23	30
5	126.0±1.0	0.55	63.50	1.52±0.23	15
6	152.0±1.0	0.55	75.00	1.52±0.23	15

Feet spool lengths are available subject to requirement

Special size, cut pieces are available on request.