

BH-2(Z)

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

Features/Applications

Specially designed formulation ensure the tubing to meet the standard of UL224 and CSA C 22.2. Free from environment harmful substance as PBB's, PBBO's, PBBE's and toxic heavy metal compounds in its components, make it meet the requirement of environment protection. In case of burning no Dioxin is produced. The properties of low shrinking temperature, flexibility and superior mechanical strength make them widely used in the field of electronics, communication, automobile etc.

- Minimum shrink temperature: 70°C
 - Minimum fully recovery temperature: 100°C
 - Approvals:  125°C VW-1 600V
 - Meet: Sony-SS-00259, RoHS
 - Standard color: Black, Red, Blue, Yellow, Green, White
- Other color are available on request



Technical Data

Property	Test Method	Typical Data
Operating temperature	UL 224	-55 to +125°C
Tensile strength	ASTM D 2671	>14MPa
Ultimate elongation	ASTM D 2671	400%
Longitudinal shrinkage	UL224	±5%
Eccentricity	ASTM D 2671	<30%
Heat aging Tensile strength Ultimate elongation	158°C/168hrs	12MPa >350%
Heat shock	250°C/4hrs	No cracking and dropping
Flammability	VW-1	Pass
Dielectric strength	IEC243	>20KV/mm
Volume resistance	IEC93	>10 ¹⁴ Ω .cm
Copper stability	UL 224	Pass

Product Dimensions (mm)

Nominal Size (mm)	As supplied (mm)		After recovered (mm)		Standard length (m/spool)
	Inside diameter (mm)	Wall thickness (mm)	Inside diameter (max)	Wall thickness (min)	
Φ1.0	1.5±0.2	0.18	0.50	0.33	200
Φ1.5	2.0±0.2	0.18	0.75	0.36	200
Φ2.0	2.7±0.2	0.25	1.00	0.44	200
Φ2.5	3.1±0.2	0.25	1.25	0.44	200
Φ3.0	3.7±0.3	0.25	1.50	0.44	200
Φ3.5	4.0±0.3	0.25	1.75	0.44	200
Φ4.0	4.7±0.3	0.25	2.00	0.44	200
Φ5.0	5.6±0.3	0.25	2.50	0.56	100
Φ6.0	6.8±0.3	0.25	3.00	0.56	100
Φ7.0	7.7±0.3	0.25	3.50	0.56	100
Φ8.0	8.8±0.3	0.30	4.00	0.56	100
Φ9.0	9.8±0.3	0.30	4.50	0.56	100
Φ10	10.7±0.4	0.30	5.00	0.56	100
Φ11	11.7±0.4	0.30	5.50	0.56	100
Φ12	12.7±0.4	0.30	6.00	0.56	50
Φ13	13.7±0.4	0.30	6.50	0.65	50
Φ14	14.7±0.4	0.35	7.00	0.69	50
Φ15	15.7±0.5	0.35	7.50	0.69	50
Φ16	16.7±0.5	0.35	8.00	0.69	50
Φ18	19.0±0.5	0.40	9.00	0.80	50
Φ20	21.4±0.5	0.40	10.00	0.80	50
Φ22	23.4±0.6	0.45	11.00	0.80	50
Φ25	26.5±0.8	0.45	12.50	0.90	50
Φ28	29.5±0.8	0.45	14.00	0.90	50
Φ30	31.5±0.8	0.45	15.00	0.90	50
Φ35	36.5±0.8	0.50	17.50	0.90	50
Φ40	42.0±0.8	0.50	20.00	1.00	50
Φ50	52.0±0.8	0.50	25.00	1.00	25
Φ60	62.0±1.0	0.50	30.00	1.00	25
Φ70	72.0±1.0	0.50	35.00	1.20	25
Φ80	82.0±1.0	0.55	40.00	1.20	25
Φ100	102.0±1.0	0.55	50.00	1.30	25
Φ125	126.0±1.0	0.55	60.00	1.30	25
Φ150	152.0±1.0	0.55	75.00	1.30	25

Product Dimensions (mm/inch)

Nominal size (inch)	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	0.18	0.60	0.33	200
1/16	2.0±0.2	0.18	0.80	0.36	200
3/32	3.1±0.2	0.25	1.20	0.44	200
1/8	3.7±0.2	0.25	1.60	0.44	200
3/16	5.2±0.3	0.25	2.40	0.51	100
1/4	6.8±0.3	0.25	3.20	0.56	100
5/16	8.8±0.3	0.30	4.00	0.56	100
3/8	10.7±0.3	0.30	4.80	0.56	100
1/2	13.7±0.3	0.30	6.40	0.65	50
5/8	16.7±0.3	0.35	8.00	0.69	50
3/4	20.5±0.3	0.40	9.50	0.80	50
1	26.5±0.3	0.45	12.70	0.90	50
1 1/4	33.5±0.4	0.45	15.90	1.02	50
1 1/2	41.0±0.4	0.50	19.10	1.02	50
2	52.0±0.4	0.50	25.40	1.14	50
3	82.0±0.4	0.55	38.10	1.27	30
4	104.0±0.4	0.55	50.80	1.40	30
5	126.0±0.4	0.55	63.50	1.50	15
6	152.0±0.4	0.55	76.00	1.50	15

Feet spool lengths are available subject to requirement .

special size, cut pieces are available on request

Special size, cut pieces are available on request.