

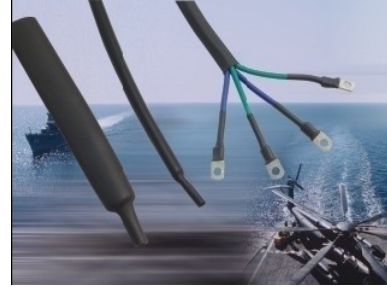
BH-200E, BH-200E(TW)

HEAT SHRINKABLE FLUOROELASTOMER TUBING

Features/Applications

Made from modified fluoroelastomer (Viton), with superior impact, Abrasion and cut through resistant, applications requiring high resistance to corrosive fluids, fuels, lubricants, acids and solvents at elevated temperature.

- Very flexible at high and low temperatures without cracking
- Approval: UL, VW-1
- Meet: SAE-AMS-DTL-23053/13
- Excellent resistance of chemicals
- Minimum fully recovery temperature: 175°C
- Minimum shrink temperature: 150°C
- Standard color: Black



Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55 to +200°C
Tensile strength	ASTM D 2671	≥8.5 MPa
Elongation at break	ASTM D 2671	≥250%
Elongation at break after aging	250°C, 168 hrs.	≥200%
Heat shock	300°C, 4 hrs.	No cracking
Flexibility	ASTM D 412	≤13.8 MPa
Flammability	ASTM D 2671	Self-extinguish in 15sec
Volume resistance	ASTM D 876	≥10 ⁹ Ω .cm
Dielectric strength	ASTM D 2671	≥7.9KV/mm
Copper corrosion	SAE-AMS-DTL-23053/13(175°C/16hrs)	No corrosion

Product Dimensions(mm/inch)

Normal size		As supplied (mm)	After recovered (mm)		*Style	Standard length (m/spool)
mm	Inch	Inside diameter (Min.)	Inside diameter (Max.)	Wall thickness (Nom.)		
BH-200E fluoroelastomer tubing						
1/8	3.2	3.2	1.6	0.76	○	50
3/16	4.8	4.8	2.4	0.90	○	50
1/4	6.4	6.4	3.2	0.90	○	50
3/8	9.5	9.5	4.8	0.90	○	50
1/2	12.7	12.7	6.4	1.10	○	30
3/4	19.1	19.1	9.5	1.30	—	30
1	25.4	25.4	12.7	1.65	—	30
1 1/2	38.1	38.1	19.1	1.90	—	15
2	50.8	50.8	25.4	2.80	—	1
BH-200E (TW) thin wall fluoroelastomer tubing						
3/8	9.5	9.5	4.8	0.90	○	50
1/2	12.7	12.7	6.4	0.90	○	30
5/8	15.9	15.9	7.9	1.07	○	30
3/4	19.1	19.1	9.5	1.07	—	30
7/8	22	22	11	1.25	—	30
1	25.4	25.4	12.7	1.25	—	30
1 1/2	31.8	31.8	15.7	1.40	—	30
1 1/4	38.1	38.1	19.0	1.40	—	15
2	50.8	50.8	25.4	1.65	—	15

* ○: airfilled or oval, * —: flattened