

## BH-CT

### SEMI-CONDUCTIVE HEAT SHRINKABLE TUBING

#### Features/Applications

BH-CT Semi-conductive tubing is manufactured with radiation cross-linked conductive polyolefin and suitable for application in power cable accessory. Specially developed chemical formulation makes the tubing provide effective insulation screen on the high voltage cable connectors.

- Excellent / Good conductive performance
- Semi rigid, UV resistant
- Minimum shrink temperature: 100°C
- Minimum fully recovery temperature: 120°C
- Application up to 36kV
- Standard color: Black



#### Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-40°C to +110°C
Tensile strength	ASTM D 638	≥ 13.5Mpa
Elongation at break	ASTM D 638	≥ 400%
Density	ASTM D792	1.05g/cm <sup>3</sup>
Longitudinal shrinkage	UL224	0 to ±5%
Volume resistance	IEC 93	≤ 10 <sup>4</sup> Ω .cm
Ultimate elongation after aging	ASTM D2671 (150°C/168hrs)	≥ 300%
Water absorption	ISO 62	≤ 0.15%

#### Product Dimensions (mm)

Normal size (mm)	As	After recovered (mm)		Style	Standard length (m/ea)
	Inside diameter (min.)	Inside diameter (Max.)	Total Wall thickness (Nom.)		
BH-CT 33/8	33	8	2.4	O	1.0-1.5m
BH-CT 40/12	40	12	2.5	O	1.0-1.5m
BH-CT 45/17	45	17	2.8	O	1.0-1.5m
BH-CT 55/16	55	16	2.8	O	1.0-1.5m
BH-CT 75/22	75	22	3.0	O	1.0-1.5m
BH-CT 95/25	95	30	3.1	O	1.0-1.5m