

BH-AT

ANTI TRACKING INSULATION TUBING

Features/Applications

Made from specially formulated radiation cross-linked polyolefin compounds. The high creep resistance and anti-tracking properties of the products provide maximum operational reliability. Used to provide insulation protection for cable terminal, load-break switches power circuit breakers, etc.



- Halogen free
- Minimum fully shrink temperature: 125°C

Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 638	≥8MPa
Elongation at break	ASTM D 638	≥300%
Longitudinal shrinkage	ASTM D 2671	0 to -10%
Tensile strength after aging	ASTM D 638/130°C, 168hrs.	≥6MPa
Elongation at break after aging	ASTM D 638/130°C, 168hrs.	≥230%
Dielectric strength	IEC 60243	≥25KV /mm
Tracking resistance	IEC 60586	3.75KV , 1hr, Pass
Dielectric constant	IEC 250	1A 35
Volume resistance	IEC 60093	≥10 ¹² Ω.cm
Flammability(Oxygen Index)	IEC 93	≥25
Copper corrosion	ASTM D 2671	120°C, 168hrs ,no corrosion
Cold bend	ASTM D 2671	-40°C, 4hrs , no cracking

Product Dimensions (mm)

Normal size	As supplied (mm)	After recovered (mm)		Standard length (Meters/Pc)
		Inside diameter(Max.)	Wall thickness(Min.)	
19/6	19	6	2.5	1.22 or 20
30/10	30	10	3.0	1.22 or 20
38/12	38	12	3.0	1.22 or 20
40/16	40	16	3.0	1.22 or 20
45/18	45	18	3.0	1.22 or 20
55/21	55	21	3.0	1.22 or 20
65/28	65	28	3.0	1.22 or 20
75/36	75	36	3.0	1.22
85/40	85	40	3.2	1.22
100/40	100	40	3.6	1.22
130/50	130	50	3.7	1.22