BH-BBT-10kV

10kV heat shrink bus bar tubing

Features/Applications:

BH-BBT-10kV 10kV heat shrink bus bar tubing provides high resistance to tracking and arching and used to enhance the insulation properties of bus bar in switchgear and substation. Be suit to the trend of smaller switchcabinets. Be applied in bus duct for insulation among buses.

- Electric stress relief;
- Shrink ratio: 2.5:1;
- Minimum shrink temperature: 85℃;
- Minimum fully recovery temperature: 130℃
- Color: Red, Green, Yellow, Black

Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥10.4MPa
Tensile strength after aging	ASTM D 2671/120℃, 168hrs.	≥7.3MPa
Longitudinal shrinkage	ASTM D 2671	0 to -10%
Elongation at break	ASTM D 2671	≥300%
Elongation at break after aging	ASTM D 2671/120℃,168hrs.	≥100%
Dielectric strength	IEC 243	≥20KV/mm
Dielectric constant	IEC 250	3.0(max.)
Volume resistance	IEC 93	≥1014Ω.cm
Flammability(Oxygen Index)	IEC 4589	≥25
Copper corrosion	ASTM D 2671	120℃,168hrs ,no corrosion
Cold bend	ASTM D 2671	-40℃,4hrs , no cracking
Water absorption	ISO 62/23℃,14 days	<0.5%

Product Dimensions (mm)

Model	Application Bus Bar (Square/Round)	As supplied（mm）		After recovery（mm）		Packing
		I.D	W.T	I.D	W.T	M/Roll
BH-BBT-10kV 15/6	12/15	≥15	1.0±0.30	≤6.0	2.5±0.20	25
BH-BBT-10kV 20/8	20/15	≥20	1.0±0.30	≤8.0	2.5±0.20	25
BH-BBT-10kV 25/10	25/18	≥25	1.0±0.30	≤10.0	2.5±0.20	25
BH-BBT-10kV 30/12	30/20	≥30	1.0±0.30	≤12.0	2.5±0.20	25
BH-BBT-10kV 40/16	40/30	≥40	1.2±0.30	≤16.0	2.8±0.30	25
BH-BBT-10kV 50/20	50/35	≥50	1.2±0.30	≤20.0	2.8±0.30	25
BH-BBT-10kV 60/24	60/45	≥60	1.2±0.30	≤24.0	2.8±0.30	25
BH-BBT-10kV 65/26*	65/45	≥65	1.2±0.30	≤26.0	2.8±0.30	25
BH-BBT-10kV 70/28	70/50	≥70	1.2±0.30	≤28.0	2.8±0.30	25
BH-BBT-10kV 75/30*	75/50	≥75	1.2±0.30	≤30.0	2.8±0.30	25
BH-BBT-10kV 80/32	80/55	≥80	1.2±0.30	≤32.0	2.8±0.30	25
BH-BBT-10kV 85/34*	80/65	≥85	1.2±0.30	≤34.0	2.8±0.30	25
BH-BBT-10kV 100/40	100/75	≥100	1.2±0.30	≤40.0	2.8±0.30	25
BH-BBT-10kV 120/48	120/85	≥120	1.2±0.30	≤48.0	2.8±0.30	25
BH-BBT-10kV 150/60	150/105	≥150	1.2±0.30	≤60.0	2.8±0.30	25