

## HBT (Medium Wall Tubing)

Medium Wall Halogen Free Bus bar  
Insulation Heat- Shrinkable Tubing



HBT is a medium wall heat shrinkable tubing. Made from specially formulated radiation cross-linked halogen free compounds. It can provide high resistance to tracking and arcing. Used to enhance the insulation properties of bus bar in switch and substation to adapt to application in insulating medium voltage bus-bar up to 11KV, 24KV, 36KV.

### Features:

- 1) Halogen free
- 2) Min. Temperature for full recovery : 110<sup>0</sup>C

### Data Sheet:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥ 11.8 MPa
Tensile strength after aging (120 <sup>0</sup> C, 168 hrs.)	ASTM D 2671	≥ 10 MPa
Elongation at break	ASTM D 2671	≥700%
Elongation at break after aging (120 <sup>0</sup> C, 168 hrs.)	ASTM D 2671	≥ 500%
Longitudnal Shrinkage	ASTM D 2671	0 to – 10%
Dielectric Strength	IEC 243	≥ 20 KV/mm
Dielectric constant	IEC 250	3.0 (max.)
Volume resistance	IEC 93	≥ 10 <sup>13</sup> Ω.cm



# NAMONKAR ENTERPRISES

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Flammability (Oxygen index)	IEC 4589	≥25
Copper corrosion (120°C, 168 hrs.)	ASTM D 2671	No corrosion
Cold bend (-400C, 4hrs.)	ASTM D 2671	No cracking
Water absorption (23°C, 14 days)	ISO 62	< 0.5%

## Dimensions:

Normal size (mm)	As supplied Min. inside diameter(mm)	After recovered Max. inside diameter (mm)	After recovered Min. Wall thickness (mm)	Standard Length (m)
HBT – 19/6	19	6	3	15 m/spool
HBT – 30/12	30	12	3	15 m/spool
HBT – 40/16	40	16	3	15 m/spool
HBT – 50/20	50	20	3	15 m/spool
HBT – 65/25	65	25	3	15 m/spool
HBT – 75/30	75	30	3	15 m/spool
HBT – 100/40	100	40	3	15 m/spool
HBT – 150/60	150	60	3	15 m/spool

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