

Namonkar NBT Datasheet

MEDIUM WALL HALOGEN FREE BUSBAR INSULATION HEAT SHRINKABLE TUBING

Features/Applications:

Namonkar NBT is 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 bars up to 11kV, 24kV, 36kV.

Medium wall

Halogen free

Minimum shrink temperature: 110°C



TECHNICAL DATA:

Sr. No.	PROPERTY	TEST METHOD	TYPICAL DATA
1	Tensile strength	ASTM D 2671	11.8MPa
2	Tensile strength after aging (120° C/168hrs.)	ASTM D 2671	10MPa
3	Longitudinal shrinkage	ASTM D 2671	0 to 10%
4	Elongation at break	ASTM D 2671	700%
5	Elongation at break after aging (120°C/168hrs.)	ASTM D 2671	500%
6	Dielectric strength	IEC 243	20kV/mm
7	Dielectric constant	IEC 250	3.0 (max.)
8	Volume resistance	IEC 93	10 Ω.cm
9	Flammability (Oxygen Index)	IEC 4589	25
10	Copper corrosion (120°C/168hrs.)	ASTM D 2671	No corrosion
11	Cold bend (-40°C/4hrs.)	ASTM D 2671	No cracking
12	Water absorption (23°C/14days)	ISO 62	<0.5%



INSULATE • TERMINATE • BUNDLE • IDENTIFY

Namonkar Electricals Pvt. Ltd.

PRODUCT DIMENSIONS (MM):

Normal Size	As supplied	After recovered	After recovered	Applicable Bus Bar dimensions(mm)	Standard Length
	Min Inside diameter(mm)	Max Inside Diameter(mm)	Min wall thickness(mm)		(m/spool)
NBT 19/6	19	6	3	15*3	15
NBT 30/12	30	12	3	35*4	15
NBT 50/20	50	20	3	50*5	15
NBT 65/25	65	25	3	65*8	15
NBT 75/30	75	30	3	75*8	15
NBT 85/35	85	35	3	85*10	15
NBT 100/10	100	40	3	100*10	15
NBT 120/50	120	50	3	120*12	1000mm
NBT 150/60	150	60	3	150*15	1000mm

Namonkar Electricals Pvt. Ltd.

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