

QBM, QBT

**HALOGEN FREE, HEAT SHRINKABLE
BUSBAR INSULATION PROTECTION TUBING
SHRINK RATIO: 2.5:1**

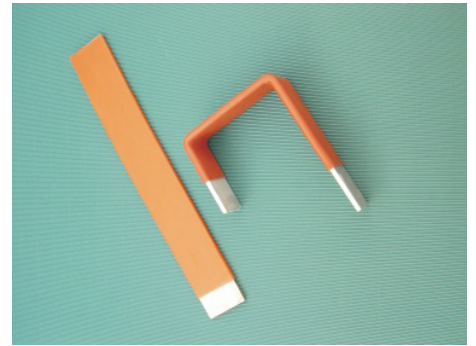
Features/Applications

Made from specially formulated radiation cross-linked halogen-free compounds. The carefully produced product can provide high resistance to tracking and arcing. Used to enhance the insulation properties of busbar in switchgear and substation. The continuous length of supplied products makes it more convenient and economical.

Operating temperature: -55°C to +105°C

Minimum shrink temperature: 110°C

RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 638	≥11.8MPa
Tensile strength after aging	ASTM D 2671 /120°C, 168 hrs.	≥10MPa
Longitudinal shrinkage	ASTM D 2671	0 to-10%
Elongation at break	ASTM D 638	700%
Elongation at break after aging	ASTM D 2671/ 120°C, 168 hrs.	≥500%
Dielectric strength	IEC 243	≥20KV/mm
Dielectric constant	IEC 250	Max.3.0
Volume resistance	IEC 93	10 ¹³ Ω.cm
Flammability(Oxygen Index)	ASTM 4589	≥25
Copper Corrosion	ASTM D 2671	120°C,168hrs,no corrosion
Cold bend	ASTM D 2671	-40°C,4hrs,no cracking
Water absorption	ISO 62 /23°C, 14 days	≤0.5%

Product Dimensions (mm)

Normal Size (mm)	As Supplied Min. Inside Diameter (mm)	After Recovered Max. Inside Diameter (mm)	After Recovered Min. Wall Thickness (mm)	Applicable Busbar Dimensions (mm)	Standard Length (m/spool)
QBT-Recovered wall thickness 2.0mm					
QBT 25/10	25	10	2.0	25*3	30
QBT 30/12	30	12	2.0	35*4	30
QBT 35/14	35	14	2.0	35*4	30
QBT 40/16	40	16	2.0	40*5	30
QBT 50/20	50	20	2.0	50*5	15
QBT 65/25	65	25	2.0	65*8	15
QBT 75/30	75	30	2.0	75*8	15
QBT 100/40	100	40	2.0	100*10	15
QBM-Recovered wall thickness 3.0mm					
QBM 15/6	15	6	3.0	15*3	15
QBM 25/10	25	10	3.0	25*3	15
QBM 30/12	30	12	3.0	35*4	15
QBM 40/16	40	16	3.0	40*5	15
QBM 50/20	50	20	3.0	50*5	15
QBM 65/25	65	25	3.0	65*8	15
QBM 75-30	75	30	3.0	75*8	15
QBM 85/35	85	35	3.0	85*10	15
QBM 100/40	100	40	3.0	100/10	15
QBM 120/50	120	50	3.0	120*12	1000mm
QBM 150/60	150	60	4.5	150*15	1000mm