

YAMUNA DENSONS Heat Shrinkable Bus-bar Insulation Tubing upto 66 kV

Features :

- Made from specially formulated radiation cross- linked compounds
- Carefully produced product can provide high resistance to tracking and arcing
- Used to enhance the insulation properties of bus-bar in switchgear and substation
- Shrink Temperature: 110° C



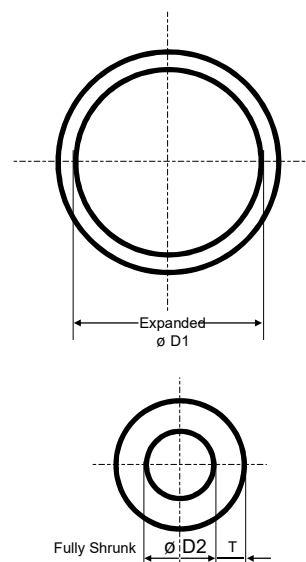
Specifications:

Dimension Chart for Heat Shrink DBM (Medium wall Bus-bar Tubing)

Code	As Supplied ø D1 (max.)	After Recovered ø D2 (max.)	T (min.)	App. bus-bar dim. (mm)	Standard length (m/spool)
DBM - 25/10	25	10	2.0	25*3	30
DBM - 30/12	30	12	2.0	35*4	30
DBM - 35/14	35	14	2.0	35*4	30
DBM - 40/16	40	16	2.0	40*5	30
DBM - 50/20	50	20	2.0	50*5	30
DBM - 65/25	65	25	2.0	65*8	30
DBM - 75/30	75	30	2.0	75*8	15
DBM - 100/40	100	40	2.0	100*10	15

Dimension Chart for Heat Shrink DBT (Thick wall Bus-bar Tubing)

Code	As Supplied ø D1 (max.)	After Recovered ø D2 (max.)	T (min.)	App. bus-bar dim. (mm)	Standard length (m/spool)
DBT - 15/6	15	6	3.0	15*3	15
DBT - 25/10	25	10	3.0	25*4	15
DBT - 30/12	30	12	3.0	35*4	15
DBT - 40/16	40	16	3.0	40*5	15
DBT - 50/20	50	20	3.0	50*5	15
DBT - 65/25	65	25	3.0	65*8	15
DBT - 75/30	75	30	3.0	75*8	15
DBT - 85/35	85	35	3.0	85*10	15
DBT - 100/40	100	40	3.0	100*10	15
DBT - 120/50	120	50	3.0	120*12	1000 mm
DBT - 150/60	150	60	3.0	150*15	1000 mm



Technical Data for Heat Shrink Bus-bar Insulation Tubing

Property	Requirements	Test Method
Tensile Strength	10 N/mm ²	ASTM D 2671
Longitudinal Shrinkage	0 to - 10%	ASTM D 2671
Elongation at Break	200%	ASTM D 2671
Elongation at Break after Ageing	≥ 100%	ASTM D 2671 / 120° C, 168 hrs.
Dielectric Strength	≥ 10 kV / mm	IEC 243 / ENATS 0913
Dielectric Constant	2 (min.) To 5 (max.)	IEC 250
Volume Resistance	10 ¹² Ω cm	IEC 93
Flammability (Oxygen index)	≥ 25	ASTM 4589
Copper Corrosion	120°C, 168 hrs., no corrosion	ASTM D 2671
Cold Bend	-40°C, 4 hrs., no cracking	ASTM D 2671
Water Absorption	≤ 0.5%	ISO 62 / 23° C, 14 days.