



Bustubes are Heat Shrinkable tubes designed to insulate round busbars/connectors in Dry Transformers upto 36 kV. The tubes are manufactured from high quality non-tracking cross-linked polyolefin material. Meets ANSI C37.20.2 standards.

Features & Benefits:

- Prevent Busbar from chemical corrosion effected by strong acid, alkali, salt, etc.
- Halogen free, flame retardant.
- High Di-electric strength.
- Highly Flexible for use on straight or angled bars without creasing.
- Protects against accidental flash-overs.

Medium Wall Tube Up to 24 KV

Gala Size	D mm (Min.)	d mm (Max.)	T mm (±10%)	Reel L (Mtrs.)	Rectangular Bars (L + W) Min. Max.		Round Bar Ø Min. Max.	
GMB 16/6	16	6	2.0	30	12	18	6.5	12
GMB 25/8	25	8	2.5	30	16	30	9	20
GMB 30/12	30	12	2.5	30	22	38	13.5	25
GMB 40/16	40	16	2.5	30	29	50	18	32
GMB 50/20	50	20	2.5	30	36	63	22	40
GMB 65/25	65	25	2.7	30	46	82	28	52
GMB 75/28	75	28	3.0	15	55	94	33	60
GMB 100/38	100	38	3.0	15	70	126	44	80
GMB 120/45	120	45	3.0	15	90	150	55	96
GMB 150/60	150	60	3.0	15	110	200	70	127
GMB 180/70	180	70	3.0	15	125	226	80	144
GMB 205/85	205	85	3.0	15	200	257	127	164

Heavy Wall Tube Up to 36 KV

GHB 25/8	25	8	3.7	20	17	28	11	20
GHB 30/12	30	12	4.0	20	21	33	15	25
GHB 40/16	40	16	4.0	20	28	45	18	32
GHB 50/20	50	20	4.0	20	34	54	24	40
GHB 65/25	65	25	4.0	15	41	62	27	43
GHB 75/28	75	28	4.0	15	47	69	28	47
GHB 100/38	100	38	4.2	15	69	102	44	72
GHB 120/45	120	45	4.2	15	83	125	50	85
GHB 150/60	150	60	4.5	15	102	168	65	105
GHB 180/70	180	70	4.5	15	133	196	85	125
GHB 205/85	205	85	4.5	15	200	250	127	164

Technical Specification

PROPERTIES	VALUE	STANDARD
Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min)	ASTM D638
Density	1.20 ± 0.2 gm/cm ³	ASTM D792
Hardness	45 ± 10 Shore D	ASTM D2240
Water absorption	0.5 % (max.)	ASTM D570
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
a. Tensile Strength	10 N/mm ² (Mpa) (min.)	ASTM D638
b. Ultimate Elongation	250 % (min.)	ASTM D638
Low Temperature Flexibility	No Cracking	ASTM D2671
	(-40°C for 4 hrs.)	
Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature	125°C	IEC 216
Continuous Temperature Limit	-40 to +105°C	IEC 216
Dielectric Strength	22 KV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150
Resistant to track & erosion	No Tracking, erosion or flame failure up to 3.25 KV for 20 min.	ASTM D2303

Technical Qualification Report : QR 1034



AN ISO 9001, ISO 14001 & OHSAS 18001 CERTIFIED COMPANY

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