

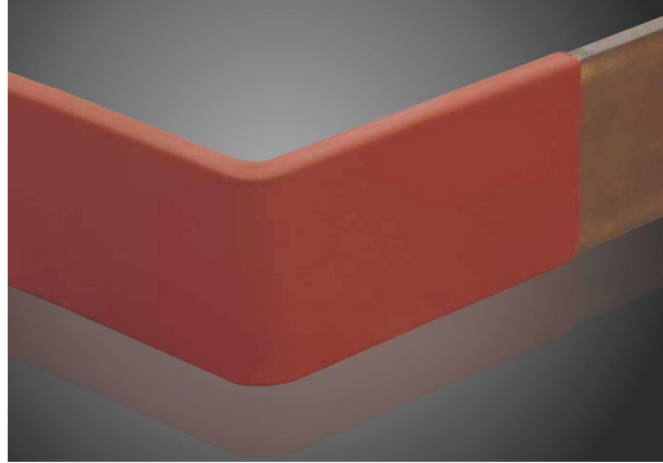
Medium Voltage Tubing

GBIM / GBIH

Medium/heavy wall tubing for busbar insulation

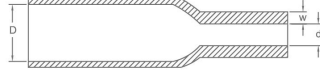
Features

- ⊙ Tracking resistant
- ⊙ Shrink ratio 2.5:1
- ⊙ Flame retardant
- ⊙ Application up to 36kV
- ⊙ RoHS compliant



Typical technical performances

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	12MPa min.
Ultimate elongation	ASTM D 2671	400% min.
Tensile strength after Aging at 120°C for 168hrs	ASTM D 2671	10MPa min.
Ultimate elongation after Aging at 120°C for 168hrs	ASTM D 2671	300% min.
Density	ASTM D 792	1.2~1.3g/cm ³ (nom.)
Dielectric strength	IEC 60243	12kV/mm(3mm) min.
Volume resistivity	IEC 93	10 ¹² Ω.cm min.
Flammability	IEC 60684-2 Method C	60sec max.
Low temperature flexibility -40°C /4hrs	ASTM D 2671 Proc.C	No cracking
Permittivity	IEC 60250	5 max.



Dimensions

Size (mm)	As supplied (mm)		After recovered (mm)		Standard length (m)	Size (mm)	As supplied (mm)		After recovered (mm)		Standard length (m)
	D* (Min.)	d* (Max.)	w*				D* (Min.)	d* (Max.)	w*		

Medium wall tubing Busba-GBIM

15/6	15	6	2.0	30m/spool	100/40	100	40	2.8	15m/spool
30/12	30	12	2.3	30m/spool	120/50	120	50	2.8	15m/spool
40/16	40	16	2.5	30m/spool	150/60	150	60	3.3	1.0-1.5m
50/20	50	20	2.5	15m/spool	205/75	205	75	3.8	1.0-1.2m
75/30	75	30	2.6	15m/spool	235/75	235	75	3.8	1.0-1.2m

Heavy wall tubing Busba-GBIH

25/10	25	10	3.8	1.0-1.5m	120/40	120	40	3.8	1.0-1.5m
40/16	40	16	3.8	1.0-1.5m	150/60	150	60	3.8	1.0-1.5m
75/25	75	25	3.8	1.0-1.5m	180/75	180	75	3.8	1.0-1.2m

D* = Inner diameter as supplied

d* = Inner diameter after fully recovered

w* = Wall thickness after fully recovered

Ordering information

Color	Standard	Brown Red
Standard packaging	In 1.2-meter [4-foot] lengths	
Ordering description	Specify product name, size and Color (for example, GBIM 50/20 Brown Red)	

* Other cutting length are available on request.

ELECTRIC
POWER

Medium Voltage Tubing / GBIM/GBIH