



## HBM

Halogen Free Busbar  
Insulation Tubing



### Features:

- Medium wall bus bar tubing
- Cross linked polyolefin
- Good tracking resistance
- Excellent electrical properties
- Halogen free
- UV and weather resistance
- Up to 36kv
- Min. full recovery temp.: 110°C

### Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥12 MPa
Ultimate elongation	ASTM D 2671	≥500%
Longitudinal shrinkage	ASTM D 2671	0 to -10%
Heat aging		
Tensile strength	120°C, 168 hrs.	> 10 MPa
Ultimate elongation		>250%
Dielectric strength	IEC 243	≥18kV/mm
Dielectric constant	IEC 250	≤3.0
Volume resistance	IEC 93	≥10 <sup>13</sup> Ω.cm
Flammability (Oxygen Index )	IEC 4589	≥25
Copper corrosion	UL 224	No corrosion
Cold bend	ASTM D 2671/-40°C, 4 hrs.	No cracking
Water absorption	ISO 62/23°C, 14days	<0.5%

## Dimensions:

Size (mm)	As supplied (mm)		After recovered (mm)		Standard length
	D*(Min.)		d*(Max)	w*(Min.)	
<b>Continues length tubing</b>					
HBM 19/6	19		6	2	30m/spool
HBM 25/10	25		10	2	30 m/spool
HBM 30/12	30		12	2	30 m/spool
HBM 35/14	35		14	2	30 m/spool
HBM 40/16	40		16	2	30 m/spool
HBM 50/20	50		20	2	30 m/spool
HBM 65/25	65		25	2	30 m/spool
HBM 75/30	75		30	2	15 m/spool
HBM 100/40	100		40	2	15 m/spool
<b>Cut length tubing</b>					
HBM 120/50	120		50	3	1000mm
HBM 150/60	150		60	3	1000mm
HBM 180/60	180		60	3	1000mm
HBM 205/75	205		75	3.3	1000mm
HBM 235/75	235		75	3.3	1000mm

D\* = Inner diameter as supplied    d\* = Inner diameter after recovered    w\* = Wall thickness after fully recovered

## Ordering information:

### Standard colors:

Red

### Special colors:

N/A

### Packaging:

Standard packaging on spools or 1m lengths.

Other: Other cut length are available, please contact our sales department.