



HBTM/HBTH

Medium/Heavy Wall Halogen Free Busbar Insulation Tubing



Features:

- Medium/Heavy wall flexible bus bar tubing
- Modified polyolefin
- Tracking resistance
- Excellent electrical properties
- Good shrinking performance
- Halogen free
- UV and weather resistance
- Up to 36kv
- Min. full recovery temp.: 120°C

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥14 MPa
Ultimate elongation	ASTM D 2671	≥800%
Longitudinal shrinkage	ASTM D 2671	0 to -10%
Heat aging		
Tensile strength	120°C, 168 hrs.	>10 MPa
Ultimate elongation		>200%
Dielectric strength	IEC 243	≥19kV/mm
Dielectric constant	IEC 250	≤3.5
Volume resistance	IEC 93	≥10 ¹⁴ Ω.cm
Flammability (Oxygen Index)	ISO 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.)	
Medium wall tubing-HBTM, continues length					
HBTM 15/6	15		6	2.0	30m/spool
HBTM 30/12	30		12	2.3	30m/spool
HBTM 40/16	40		16	2.5	30m/spool
HBTM 50/20	50		20	2.5	15m/spool
HBTM 65/25	65		25	2.5	15m/spool
HBTM 75/30	75		30	2.6	15m/spool
HBTM 100/40	100		40	2.8	15m/spool
HBTM 120/50	120		50	2.8	15m/spool
Medium wall tubing-HBTM, cut length					
HBTM 150/60	150		60	3.3	1000-1500mm
HBTM 180/60	180		60	3.3	1000-1500mm
HBTM 205/75	205		75	3.8	1000-1500mm
HBTM 235/75	235		75	3.8	1000-1500mm
Heavy wall tubing-HBTH					
HBTH 25/10	25		10	4.0	15m/spool
HBTH 40/16	40		16	4.0	15m/spool
HBTH 65/25	65		25	4.0	1.0-1.5m
HBTH 75/25	75		25	4.0	1.0-1.5m
HBTH 95/30	95		30	4.0	1.0-1.5m
HBTH 120/40	120		40	4.2	1.0-1.5m
HBTH 180/58	180		58	4.2	1.0-1.5m

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.