

HBTM/HBTH Medium Voltage Tubing

Medium/heavy wall tubing for busbar insulation



Shelf life & storage:

Heat Shrink Product provided by Hongshang has a over 5 year's shelf life from date of manufacture when stored in a humidity controlled environment (-10°C to 40°C and <75% relative humidity).

Ordering information:

Standard colors:
Brown Red.

Features:

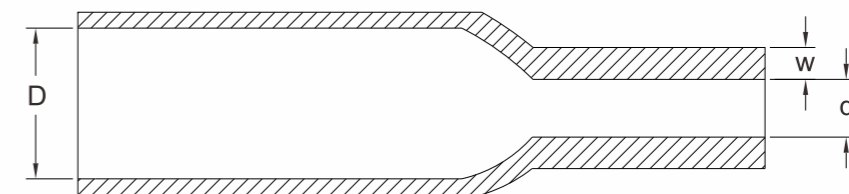
Tracking resistant	UV resistant
Flame retardant	Flexible
Shrink ratio 2.5:1	Min. full recovery temp.: 120°C
IEC 60684-3-283 compliant	Application up to 36kV



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

Medium wall tubing-HBTM

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-HBTH

25/10	25	10	4.0	1.0-1.5m	120/40	120	40	4.1	1.0-1.5m
40/16	40	16	4.0	1.0-1.5m	150/60	150	60	3.9	1.0-1.5m
75/25	75	25	4.0	1.0-1.5m	180/75	180	75	4.1	1.0-1.2m

D* = Inner diameter as supplied
d* = Inner diameter after fully recovered

HRA2/HR2
Medium Wall Tubing

HRTM
Medium Wall Tubing

HRA3/HR3
Heavy Wall Tubing

HRTH
Heavy Wall Tubing

HRA-6X
Heavy Wall Tubing

HRS
Medium Wall Tubing

HAT/HATA
Anti-tracking Tubing

HSCT
Semi-conductive Tubing

HSC-100
Stress Control Tubing

HSC-360
Stress Control Tubing

HDWT
Twin Layer Tubing

HTRT
Triple Layer Tubing

HGT
High Insulation Tubing

HEGT
High Insulation Tubing

HOT
Oil Resistant Tubing

HBTM/HBTH
Busbar Insulation Tubing

Mastic tape
Tape 55/
Tape 65/Tape 75

HLB
Low Voltage Breakout

HSEC
Insulating End Cap

HCFT
Cable Feed Thoughts

HCB
Conductive Breakout

HAS/HMB/HMR
Anti-tracking Rain Shed/Breakout/Boot