

## Heat Shrink Bus-bar Tubing



Model: HBBT

### APPLICATION:

Heat Shrink Bus-bar Tubing Provides high resistance to tracking and arcing and used to enhance the insulation properties of bus bar in switchgear and substation. The continuous length of supplied products makes it to be used more conveniently and economically. Avoid short circuit fault caused by small animals such as mice, snakes and so on. Prevent bus bar from chemical corrosion effected by strong acid, alkali, salt, etc. Avoid accidental injure, for instance, that overhaul person enter electriferous clearance by mistakes. Be suit to the trend of smaller switch cabinets. Be applied in bus duct for insulation among buses.

**COLORS:** Red, Green, Yellow, Black (Other colors available on request.)

### Property:

Item	Test Method	Value
Tensile Strength	ASTM D 2671	≥8Mpa
Elongation at break	ASTM D 2671	≥300%
Tensile Strength after aging	130°C x 168h	≥6.9Mpa
Elongation at break after aging	130°C x 168h	≥100%
Longitudinal Shrinkage	ASTM D 2671	-8%~8%
Oxygen Index	GB/T 2406	≥27
Heat Shock	JB7829 D	No Crack
Breakdown Strength	ASTM 3 149	≥20KV/mm
Rigidity (Shore A)	GB 2411	≤90
Volume Resistivity	IEC 60093	$10^{14} \Omega \cdot \text{Cm}$

**Specification:****1KV**

SIZE (mm)	As Supplied(mm)	After Recovery(mm)		Packing (m/roll)
	I. D.	I. D. (max)	W. T.	
30	31.5±1.0	15.0	1.0±0.15	50
35	36.5±1.0	17.5	1.0±0.15	50
40	41.5±1.0	20.0	1.0±0.15	50
50	≥50	25.0	1.1±0.15	25
60	≥60	30.0	1.2±0.15	25
70	≥70	35.0	1.3±0.15	25
80	≥80	40.0	1.3±0.20	25
90	≥90	45.0	1.3±0.20	25
100	≥100	50.0	1.3±0.20	25
120	≥120	60.0	1.3±0.20	25
150	≥150	75.0	1.3±0.20	25
180	≥180	90.0	1.3±0.20	25
210	≥210	105	1.3±0.30	25
230	≥230	115	1.3±0.30	25
250	≥250	125	1.3±0.30	25
300	≥300	150	1.3±0.30	25

**10kv**

SIZE (mm)	As Supplied(mm)	After Recovery(mm)		Packing (m/roll)
	I. D.	I. D. (max)	W. T.	
15	≥15	6.0	2.5±0.20	25
20	≥20	8.0	2.5±0.20	25
25	≥25	10.0	2.5±0.20	25
30	≥30	12.0	2.5±0.20	25
40	≥40	16.0	2.8±0.30	25
50	≥50	20.0	2.8±0.30	25
65	≥65	26.0	2.8±0.30	25
75	≥75	30.0	2.8±0.30	25
85	≥85	34.0	2.8±0.30	25
100	≥100	40.0	2.8±0.30	25



120	≥120	48.0	2.8±0.30	25
150	≥150	60.0	2.8±0.30	25
180	≥180	72.0	2.8±0.30	25
210	≥210	84.0	2.8±0.30	20
230	≥230	92.0	2.8±0.30	20
250	≥250	100	2.8±0.30	20
300	≥300	120	2.8±0.30	15

**35kv**

SIZE (mm)	As Supplied(mm)	After Recovery(mm)		Packing (m/roll)
	I. D.	I. D. (max)	W. T.	
30	≥30	15.0	4.0±0.30	15
40	≥40	20.0	4.0±0.30	15
50	≥50	25.0	4.0±0.30	15
65	≥65	33.0	4.0±0.30	15
75	≥75	38.0	4.0±0.30	15
85	≥85	43.0	4.0±0.30	15
100	≥100	50.0	4.0±0.30	15
120	≥120	60.0	4.0±0.30	15
150	≥150	75.0	4.0±0.30	15
180	≥180	90.0	4.0±0.30	15
210	≥210	105	4.0±0.30	15
230	≥230	115	4.0±0.30	15
250	≥250	125	4.0±0.30	15
300	≥300	150	4.0±0.30	15