

CB-HFT(600)- HALOGEN FREE HEAT-SHRINKABLE TUBING



CB-HFT(600) is halogen-free, flexible, flame retardant heat-shrinkable tubing. This tubing is free of Pb, Cd, Hg, Cr+6, PBB and PBDE. CB-HFT can be used in any enclosed area where a flame-retardant, halogen-free environment is required, such as Metro, skyscraper, mass transit vehi-

cles and ships. The product is UL recognized at 600V and the file No is E180908. All are F mark.

SPECIFICATIONS

Item	Specifications	
Shrink Temperature(°C)	90	
Temperature Range(°C)	-55 ~ 125	
Radial Shrinking Ratio(%)	≥50	
Longitudinal Change(%)	≤5	
Tensile Strength(MPa)	≥10.4	
Ultimate Elongation (%)	≥200	
Aging in Circulating-air Oven	158.0±1.0°C, 168hrs	
After aging	Tensile Strength(MPa)	≥7.3
	Ultimate Elongation (%)	≥100
Volume Resistivity(Ω.cm)	≥10 ¹⁴ sup>	
Dielectric Strength(@1min, AC2500V)	No Breakdown	
Flammability	VW-1	
Concentricity(%)	≥65	

SIZE IN INCHES

SIZE (Inch)	As supplied (mm)		After Recovery (mm)	
	MIN ID	WALL	MAX ID	WALL
3/64"	1.2	0.18±0.05	≤0.6	0.30±0.05
1/16"	1.6	0.18±0.05	≤0.8	0.32±0.05
3/32"	2.4	0.18±0.05	≤1.00	0.35±0.05
1/8"	3.2	0.20±0.05	≤1.5	0.38±0.05
3/16"	4.8	0.23±0.05	≤2.0	0.45±0.05
1/4"	6.4	0.25±0.05	≤3.0	0.50±0.05
3/8"	9.5	0.30±0.08	≤4.5	0.60±0.08
1/2"	12.7	0.30±0.08	≤6.0	0.60±0.08
3/4"	19.1	0.40±0.12	≤10.0	0.75±0.12
1"	25.4	0.45±0.12	≤12.5	0.90±0.12
1-1/4"	31.8	0.45±0.12	≤15.0	0.90±0.12
1-1/2"	38.1	0.50±0.15	≤21	1.00±0.30
2"	50.8	0.50±0.15	≤27	1.00±0.30
3"	≥80	0.70±0.30	≤40.0	1.45±0.25
4"	≥100	0.70±0.30	≤50.0	1.45±0.25

SIZE IN MM

Size	As Supplied (mm)		After Recovery (mm)	
	Inside Diameter	Wall Thickness	Inside Diameter	Wall Thickness
ø0.8	1.3±0.2	0.15±0.05	≤0.45	0.28±0.05
ø1.0	1.5±0.2	0.18±0.05	≤0.6	0.30±0.05
ø1.5	2.0±0.2	0.18±0.05	≤0.8	0.32±0.05
ø2.0	2.5±0.2	0.18±0.05	≤1.00	0.35±0.05
ø2.5	3.0±0.2	0.20±0.05	≤1.25	0.38±0.05
ø3.0	3.5±0.3	0.20±0.05	≤1.5	0.38±0.05
ø3.5	4.0±0.3	0.20±0.05	≤1.75	0.38±0.05
ø4.0	4.5±0.3	0.23±0.05	≤2.0	0.45±0.05
ø4.5	4.8±0.3	0.23±0.05	≤2.25	0.45±0.05
ø5.0	5.5±0.3	0.23±0.05	≤2.5	0.45±0.05
ø6.0	6.5±0.4	0.25±0.05	≤3.0	0.50±0.05
ø6.5	7.0±0.4	0.25±0.05	≤3.0	0.52±0.05
ø7.0	7.5±0.4	0.30±0.08	≤3.5	0.60±0.05
ø8.0	8.5±0.3	0.30±0.08	≤4.0	0.60±0.08
ø9.0	9.5±0.4	0.30±0.08	≤4.5	0.60±0.08
ø10	10.5±0.5	0.30±0.08	≤5.0	0.60±0.08
ø11	11.5±0.5	0.30±0.08	≤5.5	0.60±0.08
ø12	12.5±0.5	0.30±0.08	≤6.0	0.60±0.08
ø13	13.5±0.5	0.36±0.12	≤6.5	0.65±0.12
ø14	14.5±0.5	0.36±0.12	≤7.0	0.65±0.12
ø15	15.5±0.5	0.36±0.12	≤7.5	0.65±0.12
ø16	16.5±0.5	0.36±0.12	≤8.0	0.70±0.12
ø17	17.5±0.5	0.36±0.12	≤8.5	0.70±0.12
ø18	18.7±0.5	0.40±0.15	≤9.0	0.75±0.12
ø20	20.6±0.6	0.40±0.15	≤10.0	0.80±0.12
ø22	22.7±0.6	0.40±0.15	≤11.0	0.80±0.12
ø25	25.5±0.7	0.45±0.15	≤12.5	0.90±0.12
ø28	29.2±0.7	0.45±0.15	≤14.0	0.90±0.12
ø30	31.0±0.7	0.45±0.15	≤15.0	0.90±0.12
ø35	≥35	0.50±0.15	≤19	1.00±0.30
ø40	≥40	0.50±0.15	≤21	1.00±0.30
ø50	≥50	0.50±0.15	≤27	1.00±0.30
ø55	≥55	0.50±0.15	≤28	1.00±0.30
ø60	≥60	0.50±0.15	≤31	1.00±0.30
ø70	≥70	0.70±0.30	≤35.0	1.45±0.25
ø80	≥80	0.70±0.30	≤40.0	1.45±0.25
ø90	≥90	0.70±0.30	≤45.0	1.45±0.25
ø100	≥100	0.70±0.30	≤50.0	1.45±0.25Z