

## CB-HFT (600) HALOGEN FREE HEAT - SHRINKABLE TUBINGS

CB-HFT is halogen-free, flexible, flame retardant polyolefin heat-shrinkable tubes. They are widely used in any enclosed area where a flame retardant, halogen-free environment is required, such as electrical and electronics, automotives, Metro, constructions, mass transit and ships.  
Certificate: UL, CUL, F-mark, Sony Green Partner.



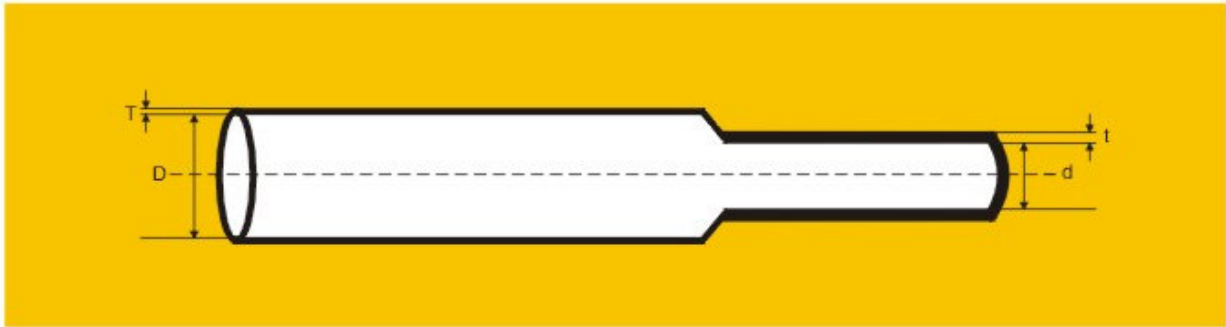
### Specifications

Item		Specifications
Shrink temperature		90°C
Operating temperature range		125°C
Radial shrinking ratio		≥50%
Longitudinal change		≠ ± 5%
Tensile strength		≥ 10.4MPa
Elongation at break		≥200%
Aging in circulating-air oven		158.0°C ± 1.0°C, 168hrs
After aging	Tensile strength	≥ 7.3MPa
	Elongation at break	≥ 100%
Volume resistivity		≥ 10 <sup>11</sup> Ω.cm
Dielectric strength at 1 min, AC2500V		No breakdown
Heat shock		No cracking
Flammability		VW-1
Concentricity		≥70%

### Size in inch

Size (inch)	As supplied (mm)		After recovery (mm)	
	Min ID	Wall	Max ID	Wall
3/64	1.20	0.18 ± 0.08	≠ 0.60	0.36 ± 0.06
1/16	1.60	0.20 ± 0.08	≠ 0.80	0.40 ± 0.06
3/32	2.40	0.20 ± 0.08	≠ 1.00	0.42 ± 0.08
1/8	3.20	0.25 ± 0.10	≠ 1.50	0.46 ± 0.08
3/16	4.80	0.25 ± 0.10	≠ 2.25	0.50 ± 0.10
1/4	6.40	0.28 ± 0.10	≠ 3.00	0.56 ± 0.10
3/8	9.50	0.30 ± 0.10	≠ 4.50	0.60 ± 0.10
1/2	12.7	0.36 ± 0.12	≠ 6.50	0.65 ± 0.12
3/4	19.1	0.55 ± 0.25	≠ 10.0	1.10 ± 0.25
1	25.4	0.40 ± 0.15	≠ 12.5	0.90 ± 0.15
1-1/4	31.8	0.45 ± 0.15	≠ 15.0	0.95 ± 0.20
1-1/2	38.1	0.55 ± 0.25	≠ 20.0	1.10 ± 0.25
2	50.8	0.60 ± 0.25	≠ 26.0	1.20 ± 0.25
3	≥80	0.70 ± 0.30	≠ 40.0	1.45 ± 0.25
4	≥100	0.70 ± 0.30	≠ 50.0	1.45 ± 0.25

Other sizes are available upon special order



Size

Size	As supplied (mm)		After recovery (mm)	
	Inside diameter	Wall-thickness	Inside diameter	Wall-thickness
Φ 1.0	1.50 ± 0.2	0.18 ± 0.08	≦ 0.60	0.36 ± 0.06
Φ 1.5	2.00 ± 0.2	0.20 ± 0.08	≦ 0.80	0.40 ± 0.06
Φ 2.0	2.50 ± 0.2	0.20 ± 0.08	≦ 1.00	0.42 ± 0.08
Φ 2.5	3.00 ± 0.2	0.22 ± 0.08	≦ 1.25	0.42 ± 0.08
Φ 3.0	3.50 ± 0.3	0.25 ± 0.10	≦ 1.50	0.46 ± 0.08
Φ 3.5	4.00 ± 0.3	0.25 ± 0.10	≦ 1.75	0.46 ± 0.08
Φ 4.0	4.50 ± 0.3	0.25 ± 0.10	≦ 2.00	0.48 ± 0.08
Φ 4.5	4.80 ± 0.3	0.25 ± 0.10	≦ 2.25	0.50 ± 0.10
Φ 5.0	5.50 ± 0.4	0.25 ± 0.10	≦ 2.50	0.50 ± 0.10
Φ 6.0	6.50 ± 0.4	0.28 ± 0.10	≦ 3.00	0.56 ± 0.10
Φ 6.5	7.00 ± 0.4	0.28 ± 0.10	≦ 3.25	0.56 ± 0.10
Φ 7.0	7.50 ± 0.4	0.30 ± 0.10	≦ 3.50	0.58 ± 0.10
Φ 8.0	8.50 ± 0.5	0.30 ± 0.10	≦ 4.00	0.60 ± 0.10
Φ 9.0	9.50 ± 0.5	0.30 ± 0.10	≦ 4.50	0.60 ± 0.10
Φ 10	10.5 ± 0.5	0.30 ± 0.10	≦ 5.00	0.60 ± 0.10
Φ 11	11.5 ± 0.5	0.30 ± 0.10	≦ 5.50	0.60 ± 0.10
Φ 12	12.5 ± 0.5	0.30 ± 0.10	≦ 6.00	0.60 ± 0.10
Φ 13	13.5 ± 0.5	0.36 ± 0.12	≦ 6.50	0.65 ± 0.12
Φ 14	14.5 ± 0.5	0.36 ± 0.12	≦ 7.00	0.65 ± 0.12
Φ 15	15.5 ± 0.5	0.36 ± 0.12	≦ 7.50	0.65 ± 0.12
Φ 16	16.5 ± 0.5	0.36 ± 0.12	≦ 8.00	0.65 ± 0.12
Φ 17	17.5 ± 0.5	0.36 ± 0.12	≦ 8.50	0.65 ± 0.12
Φ 18	18.7 ± 0.5	0.40 ± 0.15	≦ 9.00	0.70 ± 0.12
Φ 20	20.7 ± 0.6	0.40 ± 0.15	≦ 10.0	0.75 ± 0.15
Φ 22	22.7 ± 0.6	0.40 ± 0.15	≦ 11.0	0.80 ± 0.15
Φ 25	25.7 ± 0.7	0.40 ± 0.15	≦ 12.5	0.90 ± 0.15
Φ 28	29.0 ± 0.7	0.45 ± 0.15	≦ 14.0	0.95 ± 0.15
Φ 30	31.0 ± 0.7	0.45 ± 0.15	≦ 15.0	0.95 ± 0.20
Φ 35	≧ 35	0.50 ± 0.20	≦ 17.5	1.00 ± 0.20
Φ 40	≧ 40	0.55 ± 0.25	≦ 20.0	1.10 ± 0.25
Φ 50	≧ 50	0.60 ± 0.25	≦ 26.0	1.20 ± 0.25
Φ 55	≧ 55	0.60 ± 0.25	≦ 28.0	1.20 ± 0.25
Φ 60	≧ 60	0.60 ± 0.25	≦ 30.0	1.20 ± 0.25
Φ 70	≧ 70	0.70 ± 0.30	≦ 35.0	1.45 ± 0.25
Φ 80	≧ 80	0.70 ± 0.30	≦ 40.0	1.45 ± 0.25
Φ 90	≧ 90	0.70 ± 0.30	≦ 45.0	1.45 ± 0.25
Φ 100	≧ 100	0.70 ± 0.30	≦ 50.0	1.45 ± 0.25

Other sizes are available upon special order