



Heat shrinkable tube

Material:cross-linking modified polyolefin

Shrink ratio:2:1

Characteristics

- *Halogen-free,environmental protection,meet to Rohs rule
- *Soften and flexible
- *Low smoke,flame-retardant,passed VW-1 test of UL 224 standard and F-mark
- *Excellent insulating,heat resistance,passed 125c test of UL224 standard,voltage

Rating is 600v

Application

Widely used to automobile,electronics,subway,buildings and public work

1. Specifications

Item		HFT (Former XBPT)
Shrink Temperature		90℃
Temperature Range		-40-125℃
Radial Shrinking Ratio		≥50%
Longitudinal Shrinking Ratio		≤5%
Tensile Strength		≥10.4Mpa
Elongation Ratio		≥200%
Aging in circulating-air oven		(158±1.0) °C,7days
After aging	Tensile Strength	≥7.3 MPa
	Elongation Ratio	≥100%
Dielectric Voltage Withstand		600V/300V
Volume Resistivity		10 ¹⁴ Ω·cm
Dielectric Strength		≥15 kV/mm
Corrosion of Bare Copper		No corrosion
Heat Shock		No cracking
Cold Bend		No cracking
Flammability		VW—1
Concentricity		≥65%

2. HFT Heat-shrinkable Tube Standard Sizes

Size	As Supplied	After Recovery	Packing
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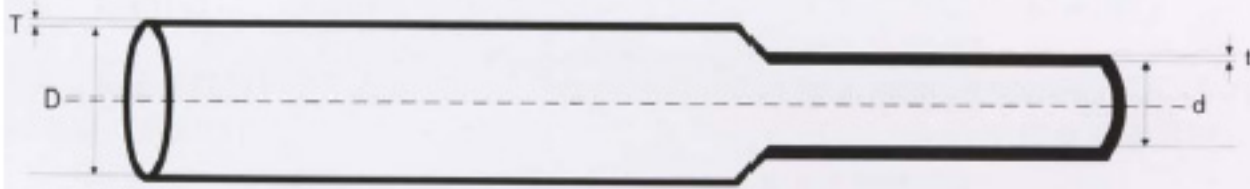
	Inside Diameter	Wall-thickness	Inside Diameter	Wall-thickness	(m/roll)
Φ0.6HF	0.8+0.2/-0.1	0.13±0.03	≤0.40	0.22±0.04	400
Φ0.8HF	1.3±0.2	0.20±0.05	≤0.50	0.40±0.05	300
Φ1.0HF	1.5±0.2	0.20±0.05	≤0.60	0.40±0.05	200
Φ1.5HF	2.0±0.2	0.20±0.05	≤0.80	0.40±0.05	200
Φ2.0HF	2.5±0.2	0.20±0.05	≤1.00	0.40±0.05	200
Φ2.5HF	3.0±0.2	0.22±0.05	≤1.25	0.44±0.05	200
Φ3.0HF	3.5±0.2	0.25±0.05	≤1.5	0.44±0.05	200
Φ3.5HF	4.0±0.3	0.25±0.05	≤1.75	0.44±0.05	200
Φ4.0HF	4.5±0.3	0.25±0.05	≤2.0	0.48±0.05	200
Φ4.5HF	4.8±0.3	0.25±0.05	≤2.0	0.48±0.05	100
Φ5.0 HF	5.5±0.3	0.25±0.05	≤2.5	0.50±0.05	100
Φ5.0 HF	5.5±0.3	0.40±0.12	≤2.5	0.80±0.12	100
Φ6.0 HF	6.5±0.3	0.25±0.05	≤3.0	0.50±0.05	100
Φ6.5 HF	7.0±0.3	0.30±0.05	≤3.0	0.55±0.05	100
Φ7.0 HF	7.5±0.3	0.30±0.05	≤3.5	0.60±0.05	100
Φ8.0 HF	8.5±0.3	0.36±0.08	≤4.0	0.66±0.08	100
Φ9.0 HF	9.5±0.3	0.36±0.08	≤4.5	0.66±0.08	100
Φ10 HF	10.5±0.4	0.36±0.08	≤5.0	0.66±0.08	100
Φ11 HF	11.5±0.4	0.36±0.08	≤5.5	0.66±0.08	100
Φ12 HF	12.5±0.4	0.36±0.08	≤6.0	0.68±0.08	100
Φ13 HF	13.5±0.4	0.36±0.12	≤6.5	0.68±0.12	100
Φ14 HF	14.7±0.3	0.36±0.07	≤7.0	0.68±0.08	100
Φ15 HF	15.5±0.4	0.36±0.12	≤7.5	0.70±0.12	100
Φ16 HF	16.5±0.4	0.36±0.12	≤8.0	0.70±0.12	100
Φ17 HF	17.5±0.4	0.36±0.12	≤8.5	0.70±0.12	100
Φ18 HF	18.7±0.5	0.40±0.12	≤9.0	0.80±0.12	100
Φ20 HF	20.6±0.8	0.40±0.12	≤10.0	0.80±0.12	100
Φ22 HF	22.7±0.8	0.46±0.12	≤11.0	0.90±0.12	100
Φ25 HF	25.5±0.8	0.46±0.12	≤12.5	0.90±0.12	50
Φ28 HF	29.2±0.8	0.46±0.12	≤14.0	0.90±0.12	50
Φ30 HF	31.0±0.8	0.46±0.12	≤15.0	1.00±0.12	50
Φ35 HF	36.0±0.8	0.50±0.15	≤17.5	1.00±0.15	25
Φ40 HF	41.0±0.8	0.50±0.15	≤21	1.15±0.15	25
Φ50 HF	52.0±1.0	0.50±0.15	≤25	1.15±0.15	25
Φ60 HF	62.0±1.2	0.50±0.15	≤30	1.15±0.15	25
Φ80 HF	82.0±1.2	0.50±0.15	≤40	1.25±0.15	20
Φ100 HF	≥100.0	0.60±0.15	≤50	1.25±0.20	20

Remark: 1. Other sizes are available upon special order

3. HFT Thin Heat-shrinkable Tube Standard Sizes

size	As supplied		After shrink	
	ID	WT	ID	WT
Φ1.0 HF	1.5±0.2	0.13±0.03	≤0.65	0.23±0.03
Φ1.5 HF	2.0±0.2	0.13±0.03	≤0.85	0.23±0.03
Φ2.0 HF	2.5±0.2	0.15±0.05	≤1.0	0.23±0.05
Φ2.5 HF	3.0±0.2	0.15±0.05	≤1.25	0.30±0.05
Φ3.0 HF	3.5±0.3	0.15±0.05	≤1.5	0.30±0.05
Φ3.5 HF	4.0±0.3	0.15±0.05	≤1.75	0.30±0.05
Φ4.0 HF	4.5±0.3	0.15±0.05	≤2.0	0.30±0.05
Φ5.0 HF	5.5±0.3	0.15±0.05	≤2.5	0.30±0.05
Φ6.0 HF	6.5±0.3	0.18±0.06	≤3.0	0.36±0.05
Φ7.0 HF	7.5±0.3	0.18±0.06	≤3.5	0.36±0.05
Φ8.0 HF	8.5±0.4	0.18±0.06	≤4.0	0.36±0.05
Φ9.0 HF	9.5±0.4	0.18±0.06	≤4.5	0.36±0.05
Φ10 HF	10.5±0.4	0.18±0.06	≤5.0	0.36±0.05
Φ11 HF	11.5±0.4	0.18±0.06	≤5.5	0.36±0.05
Φ12 HF	12.5±0.4	0.18±0.06	≤6.0	0.36±0.05
Φ13 HF	13.5±0.4	0.18±0.06	≤6.5	0.36±0.05
Φ14 HF	14.5±0.4	0.18±0.06	≤7.0	0.36±0.05
Φ15 HF	15.5±0.4	0.18±0.06	≤7.5	0.36±0.05

HFT Heat-shrinkable Tube Drawing



Remark:

1. Printing Contents of HFT type tube:

600V HFT TUBE E180908 M° & cM° 125°C 600V VW-1 -F-
 (Φ Size as supplied /Size after recovery)

300V HFT TUBE E180908 M° & cM° 125°C 300V VW-1 -F-
 (Φ Size as supplied /Size after recovery)