

## HJT-FR Heavy Wall Adhesive-lined Heat Shrink Tubing

### Description

It's made of the outer semi-hard polyolefin materials layer and the inner hot melt adhesive layer, and has good performance at the aspects of insulation and sealing.



It's mainly used in the middle and the end of high-voltage cables for insulation protection.

### Feature & benefit

- 1, Heat shrink: 3:1, Anti-UV.
- 2, Efficient electronic insulating protection, superior mechanical protection properties.
- 3, Anti-corrosion, damp proof
- 4, Standard colors: Black, red.

### Operating indexes:

- 1, Min.shrink temp.: 70°C
- 2, Final shrink temp.: 125°C
- 3, Working temperature: -45°C~110°C

Up to standard: Approvals

Meet ROHS environmental protection, 110°C

## Technical Date

Product Property	Test method	Test Date
Longitudinal shrink ration	ASTM D 2671	-7%~+8%
Tensile strength	ASTM D 2671	≥14MPa
Elongation at break	ASTM D 2671	≥400%
Tensile strength at break after aging	158°C, 168hrs	≥12MPa
Elongation after aging		≥300%
Breakdown strength	IEC 60243	≥20KV/mm
Corrosion	ASTM D 2671	Pass
Volume resistance	IEC 60093	≥10 <sup>14</sup> Ω.cm(min.)
Hot melt adhesive technology index		
Water absorption	95 ± 5°C	ASTM E 28
Softening point	< 0.5%	ASTM D 570
Peel strength (PE)	≥120N/25mm	ASTM D 1000
Peel strength (Al)	≥80N/25mm	ASTM D 1000

## Dimension

### HJT medium wall tubing with hot melt adhesive

Product Number/Size	As supplied (mm)	After recovered (mm)				Stand length M/PCS
	D.(min)	d. (max)	Outer wall Thickness (min)	Adhesive Thickness	Total Thickness	
HJT 8/2	≧ 8.0	≧ 2.0	1.8± 0.20	0.55± 0.10	2.35± 0.25	1.22
HJT 9/3	≧ 9.0	≧ 3.0	2.00± 0.20	0.55± 0.10	2.55± 0.25	1.22
HJT 13/4	≧ 13.0	≧ 4.0	2.30± 0.20	0.55± 0.10	2.85± 0.25	1.22

HJT 16/5	≧ 16.0	≧ 5.0	2.30± 0.20	0.60± 0.10	2.90± 0.25	1.22
HJT 22/6	≧ 22.0	≧ 5.6	2.50± 0.20	0.60± 0.15	3.10± 0.30	1.22
HJT 28/6	≧ 28.0	≧ 6.0	2.70± 0.20	0.70± 0.20	3.40± 0.35	1.22
HJT 33/8	≧ 33.0	≧ 8.0	2.8± 0.25	0.80± 0.15	3.60± 0.35	1.22
HJT 38.1/12	≧ 38.1	≧ 12.0	3.10± 0.25	0.80± 0.15	3.90± 0.35	1.22
HJT 43.2/12	≧ 43.2	≧ 12.0	3.5± 0.30	0.80± 0.15	4.30± 0.40	1.22
HJT 55/16	≧ 55.0	≧ 16.0	3.60± 0.30	0.80± 0.15	4.40± 0.40	1.22
HJT 65/19	≧ 63.0	≧ 19.0	3.60± 0.30	0.80± 0.15	4.40± 0.40	1.22
HJT 75/22	≧ 75.0	≧ 22.0	3.60± 0.30	0.80± 0.15	4.40± 0.40	1.22
HJT 85/25	≧ 85.0	≧ 25.0	3.60± 0.30	0.80± 0.15	4.40± 0.40	1.22
HJT 95/30	≧ 95.0	≧ 30.0	3.60± 0.30	0.80± 0.15	4.40± 0.40	1.22
HJT 105/30	≧ 105	≧ 30.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.22
HJT 120/39	≧ 120	≧ 39.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.22
HJT 130/40	≧ 130	≧ 40.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.22
HJT 140/42	≧ 140	≧ 42.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.22
HJT 160/50	≧ 160	≧ 50.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.00
HJT 180/60	≧ 180	≧ 60.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.00
HJT 200/69	≧ 200	≧ 69.0	3.80± 0.30	0.80± 0.15	4.60± 0.40	1.00
HJT 230/78	≧ 230	≧ 78.0	4.1± 0.30	0.80± 0.15	4.90± 0.40	1.00

**WJT-W medium wall tubing without hot melt adhesive**

Product Number/Size	As supplied (mm)	After recovered (mm)		Stand length M/PCS
	D.(min)	d. (max)	W.T( min)	
HJT-W 8/2	≧ 8.0	≧ 2.0	1.8± 0.20	1.22
HJT-W 9/3	≧ 9.0	≧ 3.0	2.00± 0.20	1.22
HJT-W 13/4	≧ 13.0	≧ 4.0	2.30± 0.20	1.22
HJT-W 16/5	≧ 16.0	≧ 5.0	2.30± 0.20	1.22
HJT-W 22/6	≧ 22.0	≧ 5.6	2.50± 0.20	1.22
HJT-W 28/6	≧ 28.0	≧ 6.0	2.70± 0.20	1.22
HJT-W 33/8	≧ 33.0	≧ 8.0	2.8± 0.25	1.22
HJT-W 38.1/12	≧ 38.1	≧ 12.0	3.10± 0.25	1.22
HJT-W 43.2/12	≧ 43.2	≧ 12.0	3.5± 0.30	1.22
HJT-W 55/16	≧ 55.0	≧ 16.0	3.60± 0.30	1.22
HJT-W 65/19	≧ 63.0	≧ 19.0	3.60± 0.30	1.22
HJT-W 75/22	≧ 75.0	≧ 22.0	3.60± 0.30	1.22
HJT-W 85/25	≧ 85.0	≧ 25.0	3.60± 0.30	1.22
HJT-W 95/30	≧ 95.0	≧ 30.0	3.60± 0.30	1.22
HJT-W 105/30	≧ 105	≧ 30.0	3.80± 0.30	1.22

HJT-W 120/39	≧ 120	≧ 39.0	3.80± 0.30	1.22
HJT-W 130/40	≧ 130	≧ 40.0	3.80± 0.30	1.22
HJT-W 140/42	≧ 140	≧ 42.0	3.80± 0.30	1.22
HJT-W 160/50	≧ 160	≧ 50.0	3.80± 0.30	1.00
HJT-W 180/60	≧ 180	≧ 60.0	3.80± 0.30	1.00
HJT-W 200/69	≧ 200	≧ 69.0	3.80± 0.30	1.00
HJT-W 230/78	≧ 230	≧ 78.0	4.1± 0.30	1.00

