



RSFR-EV

Orange Heat Shrink Insulation Tube For Electric Vehicles.

2:1



Features

- Flame retardant
- Continuous operating temperature:-55℃~+125℃
- Minimum shrink temperature:≥+84℃
- Fully shrink temperature:≥+120℃
- RoHS compliant
- Standard Color:Orange (RAL2003)

Dimensions

Spec. mm	As Supplied(mm)		After Shrinkage(mm)		Application range(mm)
	I.D	W.T	I.D	W.T	
Φ14	14.5±0.5	0.70±0.20	≤7.00	1.35±0.20	14
Φ16	16.5±0.5	0.70±0.20	≤8.00	1.35±0.20	16
Φ18	19.0±0.5	0.70±0.20	≤9.00	1.35±0.20	18
Φ20	22.0±0.5	0.70±0.20	≤10.00	1.35±0.20	20
Φ22	24.0±0.5	0.70±0.20	≤11.00	1.35±0.20	22
Φ25	26.0±0.5	0.70±0.20	≤12.50	1.35±0.20	25
Φ28	29.0±0.5	0.70±0.20	≤14.00	1.35±0.20	28
Φ30	31.5±1.0	0.70±0.20	≤15.00	1.35±0.20	25-35
Φ35	36.5±1.0	0.70±0.20	≤18.00	1.35±0.20	30-40
Φ40	41.5±1.0	0.70±0.20	≤20.00	1.35±0.20	35-45

Other specs can be customized.

Technical Data

Property	Test Method	Typical Performance
Tensile strength(MPa)	UL224	≥10.4
Elongation(%)	UL224	≥200
Tensile strength after aging (Mpa)	UL224 158℃CX168h	≥7.3
Elongation after aging (%)	UL224 158℃CX168h	≥100
Cold Blend	UL224 -30℃CX1h	No cracking
Dielectric Withstand	UL224	4kV,1min without breakdown
Dielectric strength (kV/mm)	UL224	≥15
Volume resistivity (Ω · cm)	UL224	≥1X10 ¹⁴
Copper stability	UL224 158℃CX168h	Pass
Anti Corrosion	UL224 158℃CX168h	Pass
Flammability	ASTM D2671 C	VW-1
	UI94	V-0(Sample thickness:3mm)