

Crimp Sealing Heat Shrinkable Tubing



Model:CHST

Description

Crimp Sealing Heat Shrinkable Tubing (CHST) is made by polyolefin with high property Polyamide adhesive-lined, which applied to terminals and crimp splices. Providing excellent water proof and corrosion resistance and completely insulates and protects electrical connections.

Features

- >Shrink ratio: 3:1
- >Abrasion and corrosion resistance
- >Water proof and moisture resistance
- >Operating temperature: -55℃ to +125℃
- >Minimum shrink temperature: 125℃
- >Complete Shrink Temperature: 140℃
- >Standard color: Red, Blue, Yellow

Test Item		Characteristics	Test condition
Un-aged	Tensile strength	Min. 1.40 kgf/	Room temp.
	Elongation	Min. 200%	
Aged	Tensile strength	Min. 0.99 kgf/	158℃/7 days
	Elongation	Min. 100%	
Voltage withstand and breakdown Voltage(Un-aged)		Withstand 2.5 KV for 1minute and breakdown	Room temp.



Voltage withstand and breakdown Voltage(Aged)	Withstand 2.5 KV for 1minute and breakdown at least half of un-aged breakdown voltage	158°C/7 days
Copper corrosion	No corrosion of bare copper	158°C/7 days
Copper stability	No sign of degradation Min.Elongation 100%	158°C/7 days
Cold bend	No crack	-30°C/1 hrs
Maximum secant modulus(2%)	17.65 kgf/	-
Volume resistivity	Min.1014 Ω -cm	-
Heat shock	No crack	250°C/4 hrs

Specification

Size	Color	As supplied(mm)		After recovered (mm)		Cut length (mm)	Standard length (m/spool)
		I.D.	Total Thickness (Nom.)	I.D (Max.)	Thickness (Min)		
CHST-1	Red	4.7±0.3	0.45	1.40	1.00/0.35	38	100
CHST -2	Blue	5.7±0.3	0.45	1.55	1.1/0.40	38	100
CHST -3	Yellow	6.7±0.3	0.50	2.1	1.1/0.45	42	100