

RCSC

Applications

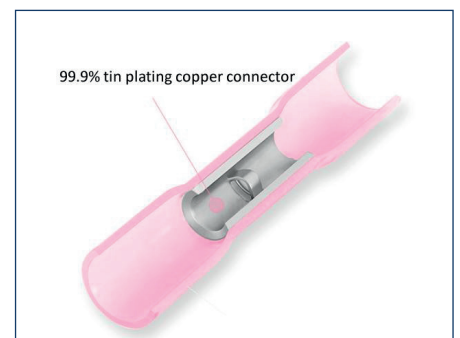
Heat Shrinkable splices provide a permanent environmental seal. The polymer used in the production of the heat shrink tube is specially adapted to be crimped. Ideal for electrical equipment repairs, maintenance and outdoor electrical cabling

Features

RoHS compliant. Excellent fluid resistance (100% waterproof).
Very high abrasion resistance.
Shrink ratio: 3:1

Various

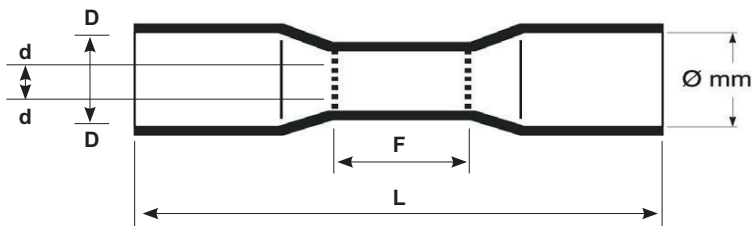
Minimum shrink temperature: 110°C
Operating temperature: -55°C to +125°C



Technical data

Property	Specification Requirement	Test Method	Typical Value
Tensile strength (Room temp.)	Min. 10.4Mpa	UL224	18.5Mpa
Elongation at break (Room temp.)	Min. 200%	UL224	450%
Tensile strength after aging (158°C 168hrs)	Min. 7.3Mpa	UL224	15Mpa
Elongation after aging (158°C 168hrs)	Min. 100%	UL224	220%
Voltage withstand (Un-aged)	Withstand 2.5kV for 1 minute and breakdown	UL224	Pass
Voltage withstand (Aged)	Withstand at least half of un-aged breakdown voltage for 1 minute and breakdown	UL224	Pass
Copper corrosion (158°C 168hrs)	No corrosion of bare copper	UL224	No sign of deg.
Copper stability (158°C 168hrs)	No sign of degradation (min. elongation 100%)	UL224	Pass
Cold bend (-30°C 1hrs)	No crack	UL224	Pass
Maximum secant modulus (2%)	173Mpa	UL224	Pass
Volume resistivity	Min. 10 ¹⁴ Ω·cm	UL224	Pass
Heat shock (250°C 4hrs)	No crack	ASTM D2671	Pass
Dielectric strength	>15.8kV/mm	ASTM D2671	>25kV/mm





Dimensions

Property	Butt Splice Dimensions (mm)		F (mm)	d (mm)
	D Min	L Nom		
WHITE 0,25 - 0,5 mm ²	3.2	28.0	12	1.0
RED 0,5 - 1,5 mm ²	4.8	35.0	15	1.6
BLUE 1,5 - 2,5 mm ²	5.8	35.0	15	2.2
YELLOW 4 - 6 mm ²	6.8	41.0	15	3.4

