

HGT Waterproof Electrical Heat Shrink Butt Splice Connector

Description

HGT Waterproof Electrical Heat Shrink Butt Splice Connector is made of superior transparent polyolefin compounded with hot melt adhesive, excellent insulation protection performance, waterproof, anti-corrosion. The middle copper tube is high pure purple copper tube, it has superior electric conductivity.



Feature & benefit

- 1, Shrinkage rate 3; 1, transparent red, transparent blue, transparent yellow
- 2, PA hot melt adhesive with excellent waterproof performance
- 3, Good transparency and good outer tube, high tensile resistance, high elasticity, tube is not easy to deformation
- 4, Superior extension performance, mechanical damage resistance.
- 5, Ensure good electrical conductivity

Operating indexes:

Min. Shrink temp.:60℃
Final Shrink temp.:100℃
Working temperature:-45℃~105℃

Up to standard: Approvals
Meet UL, RoHs, Reach

Product application

- 1, Generally applied to electric wire, wire harness, cables and electric connector for protection.
- 2, Applied to rough environment for strengthen the fixed and anti-shock function.

Technical Date

Product Property	Performance requirements	Product Property	Performance requirements
Specific gravity g/cm ³	2.10	Min. Shrink temp.	300℃
Tensile strength Mpa	20.5	Min. Shrink temp.	350℃
Bending strength Mpa	400	Absorptivity	≤0.01%
Impact strength	-NO Break	Longitudinal shrinking ratio(%)	≤5%
Hardness ShoreD	85	Elongation at break(%)	330
Friction coefficient	0.1	Aging in air oven	300℃
Flammability	VW-1	0.5	2
		After heat aging	Tensile strength(Mpa) 20 Elongation at break(%) 200
Dielectric constant	2.1		
Dissipation Factor	0.0002	Volume resistivity (Ω/cm)	>1018
Arc coefficient	>300	Breakdown strength(KV/mm)	30
Weather ability	NO Break	Flammability	VW-1
Resistance to chemical attack	Excellent	Concentricity rate(%)	≥60

Dimension

Part Number	Heat shrink tube(mm)			Copper tube(mm)			COLOR	Electric wire		Packing
	ID	OD	L	OD	ID	L		A.W.G	mm2	Pcs/bag
HGT-01	4.7	5.8	36.0	3.8	1.7	15	Transparent RED	22-18	0.5-1.0	1000
HGT-02	5.7	6.9	36.0	4.8	2.4	15	Transparent BLUE	16-14	1.5-2.5	1000
HGT-03	6.7	8.0	42.0	5.7	3.6	15	Transparent ELLOW	12-10	4.0-6.0	500

