

Halogen-free heat shrink crimp splice

FITCOSEAL[®] FTS-0

High performance, halogen-free heat shrink crimp splice. Sealed single piece for butt splice applications. Wire splices in critical areas where mechanical stress and corrosion could be a problem.



Operating temperature range: - 55°C to +125°C

Shrink temperature: + 200° C

Description	Wire gauge		Color
	mm ²	AWG	
FTS-0	0,1 – 0,5	28-22	clear

Packaging: Packed in plastic bags with 50 or 100 pieces.
Special sizes on request

Special versions: On request: e.g. furcated- and ring cable lugs or flat plugs

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Attributes	Test Methods	Typical Value
Mechanical		
Tensile Strength	IEC 60684-2	27 MPa
Ultimate Elongation	IEC 60684-2	450%
Thermal		
Thermal Ageing (168 h bei 165°C)		No break, flowing or dripping
Heat Shock (4 h bei 250°C)		No break, flowing or dripping
Cold Bend (4 h bei -55°C)		No break
Flammability	MVSS 302	pass
Chemical		
Water Absorption	ASTM D 570	≤ 0,5 %
Corrosion	ASTM-D 2671 Meth. A	Non corrosive
Copper Corrosion	ASTM-D 2671 Meth. B	Non corrosive
Electrical		
Dielectric Strength	VDE 0303 Part 2	30 kV/mm

Resistance to liquids over 24 hrs at 23°C

e.g. Gasoline, battery diesel, engine oil, 5% saline solution, brake fluid

Processing instructions:

Processing of the solder termination sleeves should be carried out with hot air equipment (e.g. HG3000 SLE). To ensure proper heating we recommend reflectors (e.g. HG3000 RFL L1-9 for solder joints up to 9mm diameter). The soldering connector is positioned above the point to be soldered and heated by hot air. As a result, the insulation shrinks onto the conductor diameter and the solder tin flows.

Please do not hesitate contacting us for further information.