

SSE

MULTI USE WIRE CONNECTOR

- Soldering - sealing - connecting in one application
- Connecting wire to component terminals
- Can be installed quickly and easily with lighter or heat gun
- Waterproof connection
- Transparent insulation sleeve provides encapsulation, inspect, stain relief and insulation
- Resistant to temperatures from -55°C to +130°C.
- Shrinkable kynar sheath: flame-retardant, remains flexible, high insulation power
- Pre-fluxed solder provides: no voltage loss, solid connection, perfectly smooth flow
- Sealing ring with thermoplastic adhesive seals completely



NOTICE

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

SOLDER & SEAL

GENERAL INFORMATION

SOLDER & SEAL has been developed and designed for electrical connections, which require high quality, reliability, long life span and water tightness. SOLDER & SEAL consist of a highest quality heat-shrinkable kynar sleeve, containing two pre-fluxed solder rings and thermoplastic sealing rings.

SOLDER & SEAL is very easy to install and the quality of the connection can be visually checked because of the transparency of the connector.

SOLDER & SEAL comes in different sizes (see product references) and can be applied for twisted and solid cables in a diameters from 0,25 mm² to 6,0 mm².

TECHNICAL INFORMATION

External wall: flame-retardant kynar polymer.
Shrink ratio: 2 / 1
Tensile strength NAS175: >4,5 N than outgoing line
Corrosion resistance (35° 96 hrs, 5 % NaCl): ≤ 2,5MV
Sealing rings: thermally stabilized thermoplastic
Protection Type IEC 60529: IP 67
Voltage loss NAS1745: < 2 mV.

Installation temperature: 80°C - 120°C
Volume resistivity (Ω cm): ≥ 10¹⁵
Dielectric strength ASTM D2671 (kV/mm): ≥ 32
Temperature resistance: -55°C to +150°C.
Voltage resistant: > 600V

APPLICATION AND USE

- Use:
 - Connection wire to component terminals
 - Industrial maintenance service
 - Garages and car body workshops
 - Repair of tools and machines
 - Horticulture and exterior lighting
 - Sign posting, neon signs
 - Ship building and ship repair
 - Installation of car radios and alarm systems
 - Installation of towing hooks
 - Truck and bus construction
 - Agriculture contractors, farmers
 - Building industry
 - Pleasure crafts and outboard motors
 - Motorcycles
 - Electrical installation and maintenance
- Application:
 - Choose right size of connector, apply wire from both sides until they overlap at the position of the lead core.
 - Press lead ring for a short mechanic fixing.
 - Apply heat by heat gun or lighter.
 - Start from the lead core and move to the outside, remain until the lead is melted and the connection is completed.

Article nr	Name	Content	Section
T845001	Solder & Seal clear	1 pc.	ELECTRICAL CONNECTIONS
T845002	Solder & Seal red	1 pc.	ELECTRICAL CONNECTIONS
T845003	Solder & Seal blue	1 pc.	ELECTRICAL CONNECTIONS
T845004	Solder & Seal yellow	1 pc.	ELECTRICAL CONNECTIONS

