

SSE-X

VERSATILE SHRINK SOLDER JOINT

- 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 60°C to +130°C.
- Flux and sealing integrated
- Sealing ring with thermoplastic adhesive seals completely
- Special construct:
- Cross-linked modified polyolefin provides high flexibility, insulating capacity and is flame retardant



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 X

General Information

SOLDER & SEAL X has been developed and designed for any electrical connections that require high quality, reliability, long life and watertightness. SOLDER & SEAL X consists of a two-part shrink solder joint with a solder ring and two coloured adhesive rings. The solder of SOLDER & SEAL X is soft and has improved properties.

The shrink-weld joint provides insulation and reduces installation costs. SOLDER & SEAL X is available in different sizes (see product references) and can be used for twisted and solid cables with a diameter from 0.25 mm² to 6.0 mm².

Technical Information

External wall: radiation cross-linked polyolefine
 Shrink ratio: 2:1
 Solder rings: 2 rings Sn, Bi, Pb with activated flux
 Sealing rings: heat-resistant stabilised thermoplastic material
 Protection Type IEC 60529: IP67
 Voltage loss: < 0.002 V

Junction resistance: < 0.004 Ω
 Insulation resistance: 10 GΩ
 Installation temperature: 180°C
 Temperature resistance: -60°C to +130°C
 Voltage resistant: > 600V
 Volume resistance: ≥ 10 - 15 Ω/cm
 Dielectric strength: ≥ 25 kV/mm

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 | Ception |
|------------|------------------------|---------|------------------------|
| T845101 | Solder & Seal X clear | 1 pc. | ELECTRICAL CONNECTIONS |
| T845102 | Solder & Seal X red | 1 pc. | ELECTRICAL CONNECTIONS |
| T845103 | Solder & Seal X blue | 1 pc. | ELECTRICAL CONNECTIONS |
| T845104 | Solder & Seal X yellow | 1 pc. | ELECTRICAL CONNECTIONS |

