

## 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

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## 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 | Section                |
|------------|------------------------|---------|------------------------|
| 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 |

