

## Heat shrinkable medium wall tube

protection for busbar systems and reduction of minimum clearance

The heat shrinkable tubes type SRBB are medium-walled, without thermoplastic adhesive with a shrinkage ratio of 3:1. Typical applications are medium voltage substations up to 36 kV as well as suitable for corrosion protection.



### Product description

|                |   |
|----------------|---|
| Article name   | SRBB 19-6   |
| Article number | 237858  |
| Notes          | A standard spool may include sections which have been tied together.<br>Other lengths available on request. |

#### Characteristics

|                                 |
|---------------------------------|
| Medium wall                     |
| Stabilized against UV rays      |
| Halogen-free                    |
| Tracking resistance             |
| Non-corrosive                   |
| Resistant to bacteria and fungi |
| Free of lead and cadmium        |
| Silicone free                   |

#### Applications

Allows for clearance reduction between busbars in medium voltage substations up to 36 kV

## Technical data

|  |                         |
|--|-------------------------|
| Article name   | SRBB 19-6               |
| Article number   | 237858                  |
| Test standards   | IEC 60684-2             |
| Materials  | Cross-linked polyolefin |
| Selection Note   | lengths                 |
| Recommended application range busbar round: Diameter min   | 6.5 mm                  |
| Recommended application range busbar round: Diameter max   | 12 mm                   |
| Recommended application range busbar rectangular: Width B  | 12 mm                   |
| Recommended application range busbar rectangular: Height H | 18 mm                   |
| Length L   | 1 m                     |
| Colours  | red brown               |
| Inner diameter before shrinking (mm)                       | 19 mm                   |
| Inner diameter after shrinking (mm)                        | 6 mm                    |
| Recovered wall thickness                                   | 2.3 mm                  |
| Hardness   | 39 Shore D              |
| Hardness (associated standard)                             | DIN 53505               |
| Elongation at break  | 500 %                   |
| Elongation at break (associated standard)                  | IEC 60684-2             |
| Tensile strength at break                                  | 16 MPa                  |
| Tensile strength at break (associated standard)            | IEC 60684-2             |
| Longitudinal shrinkage                                     | +/- 10 %                |
| Longitudinal shrinkage (associated standard)               | IEC 60684-2             |
| Shrink ratio   | 3 : 1                   |
| Shrink ratio (associated standard)                         | IEC 60684-2             |
| Eccentricity expanded                                      | 50 %                    |
| Eccentricity recovered                                     | 85 %                    |
| Eccentricity (associated standard)                         | IEC 60684-2             |
| Shrinkage temperature                                      | > 125 °C                |
| Burning behaviour  | not self-extinguishing  |
| Burning behaviour (associated standard)                    | IEC 60684-2             |
| Flexibility at low temperatures                            | -40 °C                  |
| Flexibility at low temperatures (associated standard)      | IEC 60684-2             |
| Operation temperature min.                                 | -40 °C                  |
| Operation temperature max.                                 | 100 °C                  |
| Operation temperature (associated standard)                | IEC 60684-3-283         |
| Specific volume resistivity                                | 10 <sup>12</sup> Ω cm   |
| Specific volume resistivity (associated standard)          | IEC 60684-2             |
| Dielectric strength  | 20 kV/mm                |
| Dielectric strength (associated standard)                  | IEC 60684-2             |
| Corrosion  | none                    |
| Corrosion (associated standard)                            | IEC 60684-2             |
| Resistance to fungus and decay                             | Rate 1                  |
| Resistance to fungus and decay (associated standard)       | IEC 60684-2             |

## Logistics data

|                        |  |
|------------------------|--|
| Article name           | SRBB 19-6  |
| Article number         | 237858   |
| Delivery scope         | Medium wall heat shrinkable tube, on spool or in lengths |
| Shelf life description | Unlimited shelf life                                     |
| Country of origin      | Germany  |
| Customs tariff number  | 39173200   |
| EAN/GTIN               | 4010311127163  |

## Packaging data

| Packaging type    | Bag1  | Bag   |
|-------------------|-------|-------|
| Content quantity  | 1     | 10    |
| Unit of measure   | Piece | Piece |
| Length (mm)       | 1000  | 1030  |
| Width (mm)        | 52    | 110   |
| Height (mm)       | 25    | 70    |
| Net weight (kg)   | 0.072 | 0.72  |
| Gross weight (kg) | 0.072 | 0.725 |