

Heat shrinkable thick wall tube

halogen-free shrink ratio 3 : 1

The heat shrinkable tubes type SRAT are thick-walled, without thermoplastic adhesive with a shrinkage ratio of 3:1. Typical applications are as insulation tubes for conductors in cable terminations of 3.6 to 42 kVas well as suitable for corrosion protection.



Product description

| | |
|----------------|---|
| Article name | SRAT 80-26 |
| Article number | 144935 |
| Notes | A standard spool may include sections which have been tied together. Other lengths available on request. |

Characteristics

- Thick wall
- Stabilized against UV rays
- Halogen-free
- Corrosion-resistant
- Infusible
- Highly resistant to electrical breakdown
- Tracking resistance
- High tensile strength
- Free of lead and cadmium
- Silicone free

Technical data

| | |
|--|-------------------------|
| Article name | SRAT 80-26 |
| Article number | 144935 |
| Test standards | IEC 60684-2 |
| Materials | Cross-linked polyolefin |
| Selection Note | lengths |
| Length L | 1 m |
| Colours | red brown |
| Inner diameter before shrinking (mm) | 80 mm |
| Inner diameter after shrinking (mm) | 26 mm |
| Recovered wall thickness | 3.1 mm |
| Tracking resistance | Class 2A |
| Tracking resistance (associated standard) | IEC 60684-2 |
| Resistance to fungus and decay: Elongation at break | 350 % |
| Resistance to fungus and decay: Tensile strength at break | 10 MPa |
| Weather resistance: Elongation at break | 250 % |
| Weather resistance: Tensile strength at break | 9 MPa |
| Weather resistance (associated standard) | IEC 60684-2 |
| Hardness | 44 Shore D |
| Hardness (associated standard) | DIN 53505 |
| Elongation at break | 350 % |
| Elongation at break (associated standard) | IEC 60684-2 |
| Tensile strength at break | 12 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 | 60 % |
| Eccentricity recovered | 85 % |
| Eccentricity (associated standard) | IEC 60684-2 |
| Operating temperature range min | -40 °C |
| Operating temperature range max | 100 °C |
| Operating temperature range (associated standard) | IEC 60684-2 |
| Shrinkage temperature | > 125 °C |
| Flame propagation | Burning time < 1 s |
| Flame propagation (associated standard) | IEC 60684-2 |
| Flexibility at low temperatures | -40 °C |
| Flexibility at low temperatures (associated standard) | IEC 60684-2 |
| Thermal ageing (168 h at 150 °C): Elongation at break | 300 % |
| Thermal ageing (168 h bei 150 °C): Tensile strength at break | 11 MPa |
| Thermal ageing (168 h bei 150 °C) (associated standard) | IEC 60684-2 |
| Dielectric strength | 20 kV/mm |
| Dielectric strength (associated standard) | IEC 60684-2 |
| Resistance to fungus and decay (associated standard) | IEC 60684-2 |

Logistics data

| | |
|------------------------|--|
| Article name | SRAT 80-26 |
| Article number | 144935 |
| Delivery scope | Thick wall heat shrinkable tube in lengths |
| Shelf life description | Unlimited shelf life |
| Country of origin | Germany |
| Customs tariff number | 39173200 |
| EAN/GTIN | 4010311017006 |

Packaging data

| Alternative unit of measure | Bag1 | Bag | Pal. OW |
|-----------------------------|-------|-------|---------|
| Base quantity | 1 | 5 | 120 |
| Base unit of measure | Piece | Piece | Piece |
| Length (mm) | 1005 | 1010 | 1200 |
| Width (mm) | 113 | 400 | 800 |
| Height (mm) | 47 | 580 | 1200 |
| Net weight (kg) | 0.362 | 1.81 | 43.44 |
| Gross weight (kg) | 0.362 | 1.815 | 61.64 |