# Technical-Data-Sheet

## SR3, SRH3

### Heat shrinkable thick wall tube

halogen-free shrink ratio 3 : 1 with or without adhesive




### Product description

| | |
|---|---|
| Article name | SRH3 63-15 |
| Material number | 444005 |
| Characteristics | Thick wall |
| | Inscribable |
| | Resistant to chemical agents |
| | Stabilized against UV rays |
| | Free from paint-wetting inhibiting substances |
| | Non-corrosive |
| | Infusible |
| | Halogen-free |
| | Superior electrical properties |
| | High tensile strength |
| | Resistant to cold flow (thermally stable) |
| Applications | Insulating |
| | Protection against moisture and pressure |
| | Suitable for heat shrinkable joints and terminations |
| Family notes | Other lengths available on request. |

## Technical data

| | |
|---|---|
| Test standards | IEC 60684-2 |
| Materials | Cross-linked polyolefin |
| | Free of lead and cadmium |
| Selection Note | with adhesive |
| Length L | 1 m |
| Colours | black |
| Inner diameter before shrinking (mm) | 63 mm |
| Inner diameter after shrinking (mm) | 15 mm |
| Recovered wall thickness | 4.5 mm |
| Hardness | 55 Shore D |
| Hardness(a ssociated standard) | DIN 53505 |
| Elongation at break | 350 % |
| Elongation at break (associated standard) | IEC 60684-2 |
| Tensile strength at break | 13 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 |
| Operating temperature range min | -40 °C |
| Operating temperature range max | 120 °C |
| Operating temperature range (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 |
| Thermal ageing (168 h at 150 °C): Elongation at break | 250 % |
| Thermal ageing (168 h bei 150 °C): Tensile strength at break | 12 MPa |
| Thermal ageing (168 h bei 150 °C) (associated standard) | IEC 60684-2 |
| Specific volume resistivity | $10^{14}$ Ω cm |
| Specific volume resistivity (associated standard) | IEC 60684-2 |
| Dielectric strength | 25 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

| | |
|---|---|
| Delivery scope | Thick wall heat shrinkable tube in lengths |
| Shelf life description | Unlimited shelf life |
| Country of origin | Germany |
| Customs tariff number | 39173900 |

| | | | | |
|---|---|---|---|---|
| EAN-UPC | 4010311197845 | | | |
| Base quantity | 1 | 10 | 10 | 250 |
| Base unit of measure | Piece | Piece | Piece | Piece |
| Alternate quantity | 1 | 1 | 1 | 1 |
| Alternative unit of measure | Piece | Bag | Pack | Pal. OW |
| Lenght | 1000 | 1030 | 1030 | 1200 |
| Width | 70 | 280 | 280 | 800 |
| Height | 48 | 110 | 110 | 1200 |
| Dimension unit | Millimetres | Millimetres | Millimetres | Millimetres |
| Volume | 3.36 | 31.724 | 31.724 | 1152 |
| Volume unit | Cubic decimetres | Cubic decimetres | Cubic decimetres | Cubic decimetres |
| Gross weight | 0.316 | 3.165 | 3.165 | 97.2 |
| Net weight | 0.316 | 3.16 | 3.16 | 79 |
| Weight unit | Kilogram | Kilogram | Kilogram | Kilogram |