

Heat shrinkable medium wall tube

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

The heat shrinkable tubes type SR2/SRH2 are medium-walled, without/with thermoplastic adhesive with a shrinkage ratio of 3:1. Typical applications are the protection of cables against moisture and pressure for cables as well as suitable for heat shrinkable joints and terminations.



Product description

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|----------------|---|
| Article name | SR2 140-42 |
| Article number | 143806 |
| Notes | A standard spool may include sections which have been tied together. Other lengths available on request. |

Characteristics

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| Medium 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

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| Insulating |
| Protection against moisture and pressure |
| Suitable for heat shrinkable joints and terminations |

Technical data

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| Article name | SR2 140-42 |
| Article number | 143806 |
| Test standards | IEC 60684-2 |
| Materials | Cross-linked polyolefin |
| | Free of lead and cadmium |
| Selection Note | without adhesive |
| Length L | 1 m |
| Colours | black |
| Inner diameter before shrinking (mm) | 140 mm |
| Inner diameter after shrinking (mm) | 42 mm |
| Recovered wall thickness | 3.5 mm |
| Hardness | 55 Shore D |
| Hardness (associated 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 |
| 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 |
| Operation temperature min | -40 °C |
| Operation temperature max | 120 °C |
| Operation temperature (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

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|------------------------|---|
| Article name | SR2 140-42 |
| Article number | 143806 |
| Delivery scope | Medium wall heat shrinkable tube in lengths |
| Shelf life description | Unlimited shelf life |
| Country of origin | Germany |
| Customs tariff number | 39173200 |
| EAN/GTIN | 4010311009131 |

Packaging data

| Alternative unit of measure | Bag1 | Bag | Pal. OW |
|-----------------------------|-------|-------|---------|
| Base quantity | 1 | 5 | 50 |
| Base unit of measure | Piece | Piece | Piece |
| Length (mm) | 1009 | 1030 | 1200 |
| Width (mm) | 210 | 405 | 800 |
| Height (mm) | 57 | 285 | 1200 |
| Net weight (kg) | 0.471 | 2.355 | 23.55 |
| Gross weight (kg) | 0.471 | 2.36 | 41.75 |