

Heat shrinkable thin wall tube
shrink ratio 2 : 1 without adhesive

The heat shrinkable tubes type SR1F are thin-walled, without adhesive with a shrinkage ratio of 2:1. Typical applications are the protection of cables against chemical influences as well as good mechanical protection.



Product description

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| Article name | SR1F 51-25.4 |
| Article number | 461357 |
| Notes | A standard spool may include sections which have been tied together. Other lengths available on request. |

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| Characteristics |
| Thin wall |
| Without adhesive |
| Inscribable |
| Resistant to chemical agents |
| Stabilized against UV rays |
| Non-corrosive |
| Free from paint-wetting inhibiting substances |
| Infusible |
| High tensile strength |
| Superior electrical properties |
| High tensile strength |
| Resistant to cold flow (thermally stable) |
| High flexibility |
| Self-extinguishing (except transparent) |

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| Applications |
| Insulating |
| Bundling |
| Marking |
| Corrosion protection |
| Mechanical protection |

Technical data

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|---|--------------------------|
| Article name | SR1F 51-25.4 |
| Article number | 461357 |
| Test standards | UL E172094 |
| | MIL-I-23053/5 Class 1 |
| Materials | Cross-linked polyolefin |
| | Free of lead and cadmium |
| Selection Note | Spools |
| Length L | 25 m |
| Colours | green-yellow |
| Inner diameter before shrinking (inch) | 2" |
| Inner diameter before shrinking (mm) | 51 mm |
| Inner diameter after shrinking (mm) | 25.4 mm |
| Recovered wall thickness | 1.14 mm |
| Elongation at break | 350 % |
| Elongation at break (associated standard) | ASTM D 638 |
| Tensile strength at break | 13 MPa |
| Tensile strength at break (associated standard) | ASTM D 638 |
| Longitudinal shrinkage | +/- 10 % |
| Longitudinal shrinkage (associated standard) | ASTM D 2671 |
| Shrink ratio | 2 : 1 |
| Shrink ratio (associated standard) | IEC 811-1-1 |
| Shrink temperature | > 90 °C |
| Burning behaviour | self-extinguishing |
| Burning behaviour (associated standard) | UL 224 |
| Flexibility at low temperatures | -55 °C |
| Flexibility at low temperatures (associated standard) | ASTM D 2671 |
| Operation temperature min. | -55 °C |
| Operation temperature max. | 135 °C |
| Operation temperature (associated standard) | IEC 216 |
| Specific volume resistivity | 10 ¹⁴ Ω cm |
| Specific volume resistivity (associated standard) | ASTM D 257 |
| Dielectric strength | 20 kV/mm |
| Dielectric strength (associated standard) | ASTM D 2671 |
| Corrosion | none |
| Corrosion (associated standard) | ASTM D 2671 |
| Resistance to fungus and decay | No growth |
| Resistance to fungus and decay (associated standard) | AMS-DTL-7444 |

Logistics data

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|------------------------|--|
| Article name | SR1F 51-25.4 |
| Article number | 461357 |
| Delivery scope | Thin wall heat shrinkable tube, on spool or in lengths |
| Shelf life description | Unlimited shelf life |
| Country of origin | Poland |
| Customs tariff number | 39173200 |
| EAN/GTIN | 4010311202297 |

Packaging data

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|-------------------|-------|--------|---------|
| Packaging type | Coil | Carton | Pal. OW |
| Content quantity | 25 | 100 | 1200 |
| Unit of measure | Meter | Meter | Meter |
| Lenght (mm) | 390 | 400 | 1200 |
| Width (mm) | 390 | 400 | 800 |
| Height (mm) | 89 | 400 | 188 |
| Net weight (kg) | 2.775 | 11.1 | 133.2 |
| Gross weight (kg) | 2.788 | 11.468 | 156.018 |