# Technical-Data-Sheet

## SR1F3

### Heat shrinkable thin wall tube

shrink ratio 3 : 1 without adhesive



### Product description

| | |
|---|---|
| Article name | SR1F3 39-13 |
| Material number | 461329 |
| 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) |
| Applications | Insulating |
| | Bundling |
| | Marking |
| | Corrosion protection |
| | Mechanical protection |
| Family notes | A standard spool may include sections which have been tied together. |
| | Other lengths available on request. |

## Technical data

| | |
|---|---|
| Test standards | UL E172094 |
| | MIL-I-23053/5 Class 1 |
| Materials | Cross-linked polyolefin |
| | Free of lead and cadmium |
| Selection Note | spools |
| Length L | 50 m |
| Colours | transparent color |
| Inner diameter before shrinking (mm) | 39 mm |
| Inner diameter after shrinking (mm) | 13 mm |
| Recovered wall thickness | 1.15 mm |
| Elongation at break | 300 % |
| 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 | 3 : 1 |
| Shrink ratio (associated standard) | IEC 811-1-1 |
| Operating temperature range min | -55 °C |
| Operating temperature range max | 135 °C |
| Operating temperature range (associated standard) | IEC 216 |
| Shrinkage 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 |
| 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

| | |
|---|---|
| Delivery scope | Thin wall heat shrinkable tube on spool |
| Shelf life description | Unlimited shelf life |
| Country of origin | China |
| Customs tariff number | 39173200 |

| | | | | |
|---|---|---|---|---|
| EAN-UPC | | 4010311202112 | | |
| Base quantity | 1 | 1 | 50 | 200 |
| Base unit of measure | Meter | Meter | Meter | Meter |
| Alternate quantity | 1 | 1 | 1 | 1 |
| Alternative unit of measure | Piece | Meter | Coil | Carton |
| Lenght | 1000 | 1000 | 390 | 400 |
| Width | 0 | 0 | 390 | 400 |
| Height | 0 | 0 | 89 | 400 |
| Dimension unit | Millimetres | Millimetres | Millimetres | Millimetres |
| Volume | 0 | 0 | 13.537 | 64 |
| Volume unit | Cubic decimetres | Cubic decimetres | Cubic decimetres | Cubic decimetres |
| Gross weight | 0.052 | 0.052 | 2.616 | 10.777 |
| Net weight | 0.052 | 0.052 | 2.6 | 10.4 |
| Weight unit | Kilogram | Kilogram | Kilogram | Kilogram |