

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

|                |   |
|----------------|---|
| Article name   | SR1F 3.2-1.6  |
| Article number | 457292  |
| Notes          | A standard spool may include sections which have been tied together.<br>Other lengths available on request. |

|   |
|---|
| 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 |

## Technical data

|   |                          |
|---|--------------------------|
| Article name  | SR1F 3.2-1.6             |
| Article number  | 457292                   |
| Test standards  | UL E172094               |
|   | MIL-I-23053/5 Class 1    |
| Materials   | Cross-linked polyolefin  |
|   | Free of lead and cadmium |
| Selection Note  | lengths                  |
| Length L  | 1 m                      |
| Colours   | green-yellow             |
| Inner diameter before shrinking (inch)                | 1/8"                     |
| Inner diameter before shrinking (mm)                  | 3.2 mm                   |
| Inner diameter after shrinking (mm)                   | 1.6 mm                   |
| Recovered wall thickness                              | 0.51 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              |
| 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              |
| Operation temperature min                             | -55 °C                   |
| Operation temperature max                             | 135 °C                   |
| Operation temperature (associated standard)           | IEC 216                  |
| Specific volume resistivity                           | 10 <sup>14</sup> 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

|                        |   |
|------------------------|---|
| Article name           | SR1F 3.2-1.6                              |
| Article number         | 457292                                    |
| Delivery scope         | Thin wall heat shrinkable tube in lengths |
| Shelf life description | Unlimited shelf life                      |
| Country of origin      | Poland                                    |
| Customs tariff number  | 39173200                                  |
| EAN/GTIN               | 4010311200668                             |

## Packaging data

|                             |       |        |         |
|-----------------------------|-------|--------|---------|
| Alternative unit of measure | Case  | Carton | Pal. OW |
| Base quantity               | 10    | 200    | 3200    |
| Base unit of measure        | Piece | Piece  | Piece   |
| Lenght (mm)                 | 1050  | 1100   | 1200    |
| Width (mm)                  | 40    | 400    | 800     |
| Height (mm)                 | 65    | 150    | 188     |
| Net weight (kg)             | 0.15  | 3      | 48      |
| Gross weight (kg)           | 0.156 | 3.863  | 80.008  |