



DMSR

Heat Shrinkable Medium Wall Tubing

Cross linked Polyolefin Polymer suitable for low and medium voltage Indoor Installation and shrouding on telephone lines, power lines and conditioning ducts etc.



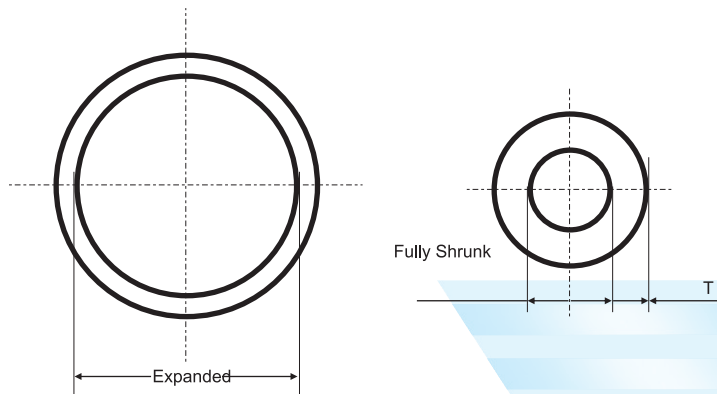
Features

- Suitable for a variety of low voltage electrical and mechanical applications
- Suitable for underground buried conditions
- Continuous operation temperature: -40°C to 125°C
- Meets the requirements of ESI 09 13 • Shrink Temperature: 120°C
- Unlimited shelf life • High resistance to impact and abrasion

DIMENSION CHART

| CODE | AS SUPPLIED |
|------|--------------|
| DMSR | 15/6 - 2.2 |
| DMSR | 25/8 - 2.5 |
| DMSR | 36/12 - 2.5 |
| DMSR | 50/16 - 2.5 |
| DMSR | 63/19 - 2.5 |
| DMSR | 75/22 - 2.5 |
| DMSR | 95/25 - 3.0 |
| DMSR | 115/34 - 3.0 |
| DMSR | 140/42 - 3.5 |
| DMSR | 160/50 - 3.5 |
| DMSR | 180/60 - 3.5 |

All the Dimensions are in mm



TECHNICAL DATA

| Property | Requirements | Test Method |
|-------------------------------------|------------------------------------|------------------------|
| Physical | | |
| Specific Gravity | 1.10 | ASTM D 1505 / ISO 1183 |
| Tensile Strength | 8 N/mm ² (min.) | ASTM D 412 / ISO 37 |
| Ultimate elongation | 200% (min.) | ASTM D 412 / ISO 37 |
| Water absorption (25°C) | 0.5% (max.) | ASTM D 570 |
| Thermal Ageing | | |
| Continuous operating temperature | -55°C to +130°C | IEC 216 |
| Shrink temperature | 120°C (min.) | IEC 216 |
| Heat shock (30 min. 200°C) | No cracking / No flowing | |
| Heat ageing (168 hrs 120°C) | | |
| Tensile strength | 7.0 N/mm ² (min.) | ASTM D 412 / ISO 37 |
| Ultimate elongation | 200% (min.) | |
| Low temperature flexibility (-20°C) | No cracking | ASTM D 2671 |
| Electrical | | |
| Dielectric strength | 10 kV/mm (min.) | ASTM D 149 / IEC 243 |
| Volume resistivity | 1 × 10 ¹² ohm-cm (min.) | ASTM D 257 / IEC 93 |
| Dielectric constant | 3 (min.) To 5 (max.) | ASTM D 150 / IEC 250 |