



Heat Shrinkable, Flexible, Diesel-Resistant Elastomer Tubing

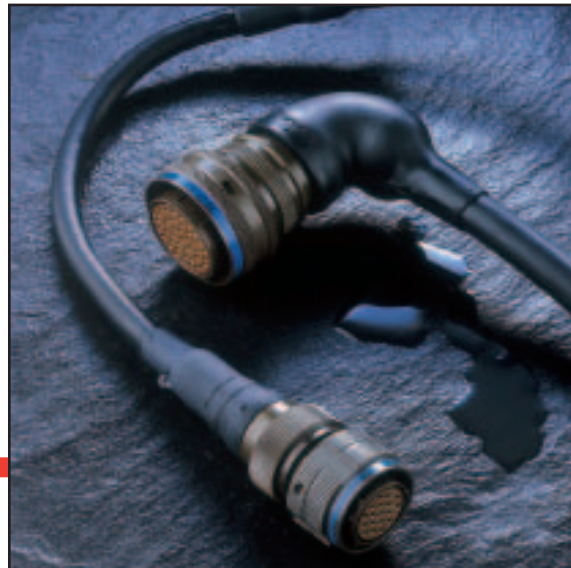
Specification Values

| PROPERTY | TEST METHOD | VALUES |
|--|--------------------------------|-------------------------------------|
| Tensile Strength | ISO 37 | 14 MPa minimum |
| Ultimate Elongation | ISO 37 | 350% |
| Heat Shock | ASTM D2671 (4hrs at 215 °C) | no dripping, cracking or flowing |
| Heat Ageing | ISO 188 (168hrs at 160 °C) | |
| Tensile Strength | ISO 37 | 10 MPa minimum |
| Ultimate Elongation | | 200% minimum |
| Low Temperature Flexibility | ASTM D2671 (4hrs at -75 °C) | no cracking |
| Flammability | ASTM D876 | pass |
| Electric Strength | IEC 243-1 | 8KV/mm minimum |
| Corrosion (Copper Contact and Copper Mirror) | ASTM D2671 | no corrosion |
| Fluid Resistance | ISO 1817 | |
| Gasoline | | |
| Diesel Fuel | | |
| Hydraulic Fluid | | |
| Lubricating Oil | | |
| Tensile Strength | ISO 37 | 10 MPa minimum |
| Ultimate Elongation | | 300% minimum |
| Fungus Resistance | BS 2011 Pt 2.1J | Not greater than rating 2 |

Specification References/Approvals

| TYPE | SHRINKTEK | MILITARY |
|-------|-----------|---|
| SE150 | ST6015 | AMS-DTL-23053/16 VG95343 Pt 5 DEF STAN 59-97 Type 6B |

- Shrink Ratio 2:1
- Operating Temperature Range -75°C to 150°C
- Shrink Temperature 175°C
- Resistance to aviation and diesel fuels makes it suitable for protecting military ground cables and harnesses



Ordering Data

| ORDERING SIZE | | MINIMUM EXPANDED DIAMETER | | MAXIMUM RECOVERED DIAMETER | | NOMINAL RECOVERED WALL | | STANDARD REEL LENGTH | |
|---------------|------|---------------------------|------|----------------------------|------|------------------------|------|----------------------|----|
| ins | mm | ins | mm | ins | mm | ins | mm | ft | m |
| 1/8 | 3.2 | 0.125 | 3.2 | 0.062 | 1.6 | 0.027 | 0.76 | 165 | 50 |
| 3/16 | 4.8 | 0.187 | 4.8 | 0.093 | 2.4 | 0.033 | 0.84 | 165 | 50 |
| 1/4 | 6.4 | 0.250 | 6.4 | 0.125 | 3.2 | 0.035 | 0.89 | 165 | 50 |
| 3/8 | 9.5 | 0.375 | 9.5 | 0.187 | 4.8 | 0.040 | 1.02 | 165 | 50 |
| 1/2 | 12.7 | 0.500 | 12.7 | 0.250 | 6.4 | 0.048 | 1.22 | 100 | 30 |
| 3/4 | 19.0 | 0.750 | 19.0 | 0.375 | 9.5 | 0.057 | 1.45 | 100 | 30 |
| 1 | 25.4 | 1.000 | 25.4 | 0.500 | 12.7 | 0.070 | 1.78 | 100 | 30 |
| 1 1/2 | 38.0 | 1.500 | 38.0 | 0.750 | 19.1 | 0.095 | 2.41 | 50 | 15 |
| 2 | 50.8 | 2.000 | 50.8 | 1.000 | 25.4 | 0.110 | 2.79 | 72 | 22 |

Standard Colours: black

Standard Packaging: on reels (see table for lengths)

To order: specify product part number, size and colour (e.g. SE 150 4.8 BLK)

