



DM-R41 DUAL WALL TUBING

Semi rigid heat shrink tubing with adhesive

Applications

Specially design to insulate, seal and protect wire splices, terminations and component in automotive industrial. High shrink ratio 4:1 and high temperature resistant and corrosion. Semi-rigid outer wall provides excellent abrasion protection and strain relief for strict environment requirement. Ideal for wire to metal splices and wire joints in automotive industry. Clear tubing is specially designed for sealing and insulation of components where see-through inspection is required.

Features

Flame retardant (Black only). High shrink ratio (4:1).
Semi rigid polyolefin outer layer. Polyamide adhesive liner.
Operating temperature: - 55°C to +130°C
Shrink temperature: 110°C
RoHS compliant

Various

Standard color: Black/clear
Standard packing on spools.or 1.22m sticks

Technical Data

| Property | | Test Method | Values | |
|------------|--|-------------|------------------------|---------|
| | | | Black | Clear |
| Physical | Tensile strength | ASTM D2671 | ≥14 MPa | ≥12 MPa |
| | Elongation at break | ASTM D2671 | ≥400% | |
| | Tensile strength at aging | ASTM D2671 | ≥14 MPa | ≥12 MPa |
| | Elongation at break at aging | ASTM D2671 | ≥350% | |
| | Outer layer density | ASTM D792 | 1.25 | 1.00 |
| | Water absorption | ASTM D570 | ≤0.5% | |
| | Heat shock (200°C/4hrs) | ASTM D2671 | No drop, no flow | |
| | Low Temperature flexibility (-40°C/4hrs) | ASTM D2671 | No cracking | |
| Electrical | Ring-ball soft point (adhesive liner) | ASTM E28 | 120°C±5°C | |
| | Volume resistivity | ASTM D2671 | ≥10 ¹⁴ Ω.cm | |
| Chemical | Dielectric strength | ASTM D2671 | ≥16/KV/mm | |
| | Flammability | ASTM D2671 | Self-extinguish in 30s | |

Dimensions/4X

| Size mm. (D) | As Supplied (mm) Inside Diameter Min. (D) | After Recovery (mm) | | Standard length m/spool |
|-----------------|---|--------------------------|-------------------------------|----------------------------|
| | | Inside Diameter Max. (d) | Total Wall Thickness Nor. (t) | |
| 4 | 4.0 | 1.0 | 1.2 | 200 |
| 6 | 5.7 | 1.3 | 1.3 | 100 |
| 8 | 7.4 | 1.7 | 1.5 | 100 |
| 12 | 10.8 | 2.5 | 2.0 | 50 |
| 18 | 17.8 | 4.4 | 2.3 | 50 |



*Spools as standards. 1 m. or 1,22 m. sticks, special spool lengths or cut pieces available on request.