



DM-YG THIN WALL TUBING

Yellow/Green high quality polyolefin tubing

Applications

Used to identify electrical grounding as well as protecting and insulating wires harnesses of light cabling. Easy to mark for additional identification.

Features

Resistant to common fluids and solvents. Flexible and flame retardant. Free from harmful substances as PBB's, PBBO's, PBBE's and toxic.

Various

Operating temperature: -55°C to +125°C
 Minimum shrink temperature: 70°C
 Minimum fully recovery temperature: 120°C
 RoHs compliant
 Standard color: Yellow & Green
 shrink ratio: 2:1 3:1

Technical Data

| Property | Test Method | Typical Data |
|---|-------------|--------------------------|
| Operating temperature | UL 224 | -55°C to + 125°C |
| Tensile strength | ASTM D 2671 | >14 MPa |
| Elongation at break | ASTM D 2671 | 400% |
| Longitudinal shrinkage | UL 224 | 0±5% |
| Eccentricity | ASTM D 2671 | <30% |
| Flammability | VW-1 | Pass |
| Dielectric strength | ASTM D 150 | 20 KV/mm |
| Volume resistance | ASTM D 876 | 10 ¹⁴ Ω.cm |
| Copper corrosion | UL 224 | Pass |
| Heat aging / Tensile strength / Ultimate elongation | 158°C/168h | Unaged / >12 MPa / >350% |
| Heat shock (250°C/4hrs.) | ASTM D 2671 | No Cracking |
| Cold bend test (-55°C/4hrs.) | ASTM D 2671 | No Cracking |
| Water absorption | ASTM D 570 | 0.15% |

Dimensions/Shrink ratio 2:1

| Size | As Supplied (mm) | | After Recovery (mm) | | Standard length m/spool |
|-------|------------------|--------------------------|--------------------------|-----------------------------|-------------------------|
| | Inch (D) | Inside Diameter Min. (D) | Inside Diameter Max. (d) | Wall Thickness Nominal. (t) | |
| 3/64 | | 1.2 | 0.6 | 0.30 | 200 |
| 1/16 | | 1.6 | 0.8 | 0.33 | 200 |
| 3/32 | | 2.4 | 1.2 | 0.36 | 200 |
| 1/8 | | 3.2 | 1.6 | 0.44 | 200 |
| 3/16 | | 4.8 | 2.4 | 0.55 | 200 |
| 1/4 | | 6.4 | 3.2 | 0.55 | 100 |
| 3/8 | | 9.5 | 4.8 | 0.55 | 100 |
| 1/2 | | 12.7 | 6.4 | 0.65 | 100 |
| 5/8 | | 16 | 8 | 0.69 | 100 |
| 3/4 | | 19.1 | 9.5 | 0.89 | 100 |
| 1 | | 25.4 | 12.7 | 0.90 | 50 |
| 1 1/4 | | 32 | 16 | 0.90 | 50 |
| 1 1/2 | | 38.1 | 19.1 | 1.00 | 50 |
| 2 | | 50.8 | 25.4 | 1.00 | 25 |
| 3 | | 76.2 | 38.1 | 1.20 | 25 |
| 4 | | 100 | 50.8 | 1.60 | 25 |
| 5 | | 120 | 63 | 2.00 | 25 |
| 6 | | 150 | 75 | 2.00 | 25 |
| 7 | | 180 | 90 | 2.10 | 25 |

Dimensions/Shrink ratio 3:1

| Size | As Supplied (mm) | | After Recovery (mm) | | Standard length m/spool |
|-------|------------------|--------------------------|--------------------------|-----------------------------|-------------------------|
| | Inch (D) | Inside Diameter Min. (D) | Inside Diameter Max. (d) | Wall Thickness Nominal. (t) | |
| 1/8 | | 3.2 | 1.0 | 0.50 | 200 |
| 3/16 | | 4.8 | 1.5 | 0.55 | 100 |
| 1/4 | | 6.4 | 2.0 | 0.55 | 100 |
| 3/8 | | 9.5 | 3.0 | 0.60 | 50 |
| 1/2 | | 12.7 | 4.0 | 0.65 | 50 |
| 3/4 | | 19.1 | 6.0 | 0.85 | 50 |
| 1 | | 25.4 | 8.0 | 1.00 | 50 |
| 1 1/2 | | 39 | 13 | 0.20 | 50 |

*Spools as standards. 1 m. or 1,22 m. sticks, special spool lengths or cut pieces available on request.
 Special sizes (up to 7 inches) and other special features available on request

