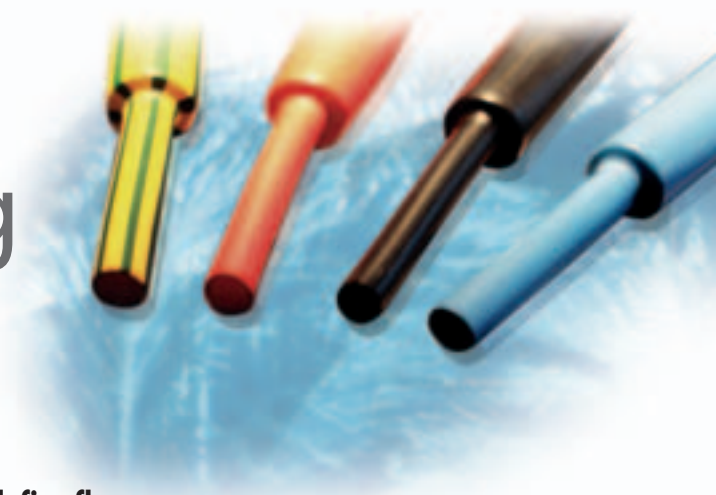


Heat shrinkable tubing ET100



ET 100 is a single wall heat shrinkable tubing in polyolefin, flame retardant, flexible and strong, suitable for general applications. It grants the maximum chemical resistance and safety in the electrical insulation.

- Shrinking ratio: 2 : 1
- Diameters: from 1,2 mm to 50,8 mm
- Colours: black - white - red - blue - yellow - transparent - yellow/green brown
- Working Temperature: -55°C ÷ +135°C
- Shrinking Temperature: >90°C
- Self-extinguishing: self-extinguishing UL 224, 125°C (except transparent). Cadmium free (except transparent)
- Packaging: reel, dispenser box 1 mtr. cut length.

P.S. For the availability on stock of coloured tubings, please contact our customer service.

- Approvals: SAE-AMS-DTL-23053/5
class 1 (coloured)
class 2 (transparent)
UL224 125°C
CSA C22.22 N.198.1-98 OFT

TECHNICAL DATA

| Properties | Test method | Results |
|---------------------------------------|-----------------|-------------------------|
| Physical | | |
| Tensile strength | ASTM D 638 | 13 N/mm ² |
| Elongation | ASTM D 638 | 350% |
| Longitudinal change after shrinkage | ASTM D 2671 | ±5% max |
| Water absorption | ASTM D 570 | 0,15% max |
| Specific gravity | ASTM D 792 | 1,47 gr/cm ³ |
| Termici | | |
| Heat shock (4 hrs at + 250 °C) | ASTM D 2671 | No cracking or flowing |
| Flexibility at low temperatures -40°C | ASTM D 2671C | Does not break |
| Elongation at tear (168 ore a 175°C) | ASTM D 638 | Elongation 250% |
| Inflammability | UL 224 | Only colours |
| Electrical | | |
| Dielectric strength | ASTM D 2671 | > 20 kV/mm |
| Volume resistivity | ASTM D 257 | 10 ¹⁴ ohm cm |
| Chemical | | |
| Resistance to fungus | AMS-DTL-7444 | No growth |
| Resistance to chemical agents | AMS-DTL-23053/5 | Good |
| Copper corrosion | ASTM D 2671B | Good |



Other colours available on request: pink, green, grey and orange.

Heatguns and related accessories, see pages 119-121.



ET100 heat shrinkable tubing in REEL - DISPENCER BOX - 1 MTR CUT LENGTH

| Code Reel | Reel length (mt) | Code Box | Box (mt) | Code Case | Box (mt) | Ø Internal expanded (inch) | Ø Internal expanded (mm) | Ø Internal recovered (mm) | Wall thickness (mm) |
|---------------------|---------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-----------------------------|------------------------------|------------------------|
| 12203012 | 200 | 12253012 | 15 | 12273012 | 30 | 3/64" | 1,2 | 0,6 | 0,41 |
| 12203016 | 200 | 12253016 | 15 | 12273016 | 30 | 1/16" | 1,6 | 0,8 | 0,43 |
| 12203024 | 200 | 12253024 | 15 | 12273024 | 30 | 3/32" | 2,4 | 1,2 | 0,51 |
| 12203032 | 200 | 12253032 | 15 | 12273032 | 30 | 1/8" | 3,2 | 1,6 | 0,51 |
| 12203048 | 200 | 12253048 | 12 | 12273048 | 24 | 3/16" | 4,8 | 2,4 | 0,51 |
| 12203064 | 150 | 12253064 | 12 | 12273064 | 24 | 1/4" | 6,4 | 3,2 | 0,64 |
| 12203095 | 150 | 12253095 | 10 | 12273095 | 20 | 3/8" | 9,5 | 4,7 | 0,64 |
| 12203127 | 100 | 12253127 | 8 | 12273127 | 16 | 1/2" | 12,7 | 6,4 | 0,64 |
| 12203190 | 50 | 12253190 | 5 | 12273190 | 10 | 3/4" | 19,1 | 9,5 | 0,77 |
| 12203254 | 50 | 12253254 | 3 | 12273254 | 6 | 1" | 25,4 | 12,7 | 0,89 |
| 12203381 | 25 | | | | | 1 1/2" | 38,1 | 19,1 | 1,02 |
| 12203508 | 25 | | | | | 2" | 50,8 | 25,4 | 1,14 |

Other coloured tubes are available on request, starting from diam. 2,4 mm. For ordering, kindly add after the code: MAR for brown, BI for white, BL for Blue, GI for yellow, R for red, TR for transparent.

ET100 YELLOW/GREEN heat shrinkable tubing in REEL - DISPENCER BOX - 1 MTR CUT LENGTH

| Code Reel | Reel length (mt) | Code Box | Box (mt) | Code Case | Box (mt) | Ø Internal expanded (inch) | Ø Internal expanded (mm) | Ø Internal recovered (mm) | Wall thickness (mm) |
|---------------------|---------------------|--------------------|-------------|---------------------|-------------|-------------------------------|-----------------------------|------------------------------|------------------------|
| 12203024 G/V | 200 | 12253024 G/V | 15 | 12273024 G/V | 30 | 3/32" | 2,4 | 1,2 | 0,51 |
| 12203032 G/V | 200 | 12253032 G/V | 15 | 12273032 G/V | 30 | 1/8" | 3,2 | 1,6 | 0,51 |
| 12203048 G/V | 200 | 12253048 G/V | 12 | 12273048 G/V | 24 | 3/16" | 4,8 | 2,4 | 0,51 |
| 12203064 G/V | 150 | 12253064 G/V | 12 | 12273064 G/V | 24 | 1/4" | 6,4 | 3,2 | 0,64 |
| 12203095 G/V | 150 | 12253095 G/V | 10 | 12273095 G/V | 20 | 3/8" | 9,5 | 4,7 | 0,64 |
| 12203127 G/V | 100 | 12253127 G/V | 8 | 12273127 G/V | 16 | 1/2" | 12,7 | 6,4 | 0,64 |
| 12203190 G/V | 50 | 12253190 G/V | 5 | 12273190 G/V | 10 | 3/4" | 19,1 | 9,5 | 0,77 |
| 12203254 G/V | 50 | 12253254 G/V | 3 | 12273254 G/V | 6 | 1" | 25,4 | 12,7 | 0,89 |



Code display: 8221705 GB