

HEAT SHRINK CO-EXTRUDED TUBING

PREMIUM QUALITY



Selection Chart

GMWR and GHWR are Heat Shrink Co-extruded premium quality medium wall and heavy wall tubing.

This tubes are used as waterproof sealing in cable termination and joints. It is used for corrosion protection, environmental sealing and mechanical protection of pipes, and pipe connections. It is also used for insulating underground & aerial connections in CATV plant, CCTV connections and in control cables splicing joints.

| Code | D min (mm) | d max (mm) | T±10% (mm) |
|-------------|------------|------------|------------|
| GMWR 12/3 | 12 | 3 | 1.5 |
| GMWR 22/6 | 22 | 6 | 2.0 |
| GMWR 27/8 | 27 | 8 | 2.5 |
| GMWR 33/10 | 33 | 10 | 2.5 |
| GMWR 40/12 | 40 | 12 | 2.5 |
| GMWR 50/16 | 50 | 16 | 2.5 |
| GMWR 63/19 | 63 | 19 | 2.5 |
| GMWR 72/22 | 72 | 22 | 2.5 |
| GMWR 92/27 | 92 | 27 | 3.0 |
| GMWR 130/36 | 130 | 36 | 3.0 |

| Code | D min (mm) | d max (mm) | T±10% (mm) |
|-------------|------------|------------|------------|
| GHWR 12/3 | 12 | 3 | 2.2 |
| GHWR 22/6 | 22 | 6 | 2.5 |
| GHWR 30/8 | 30 | 8 | 3.0 |
| GHWR 43/12 | 43 | 12 | 4.0 |
| GHWR 51/16 | 51 | 16 | 4.0 |
| GHWR 72/22 | 72 | 22 | 4.0 |
| GHWR 85/25 | 85 | 25 | 4.0 |
| GHWR 105/30 | 105 | 30 | 4.0 |
| GHWR 120/36 | 120 | 36 | 4.0 |
| GHWR 140/42 | 140 | 42 | 4.2 |

D, d : Internal diameter | T : Thickness

General Properties :

- High shrink ratio.
- Co-extrusion technology.
- Soft & flexible.
- Fast & uniform shrinking.
- High resistant to decay, chemicals, copper corrosion & UV rays.
- Tubing with hot melt adhesive lining (upto GMWR 50/16; GHWR 51/16) provides excellent waterproofing and environmental sealing.

- Customised dimension, thickness, length & colour available on request
- Conforms to IEC 60684-3-247 standard.
- Also available in spool.

Technical Specification

| PROPERTIES | VALUE | STANDARD |
|-------------------------------|---|-------------|
| Physical | | |
| Tensile Strength | 9 N/mm ² (Mpa) (min.) | ASTM D638 |
| Ultimate Elongation | 300% (min.) | ASTM D638 |
| Water Absorption | 0.15% (max.) | ASTM D570 |
| Specific Gravity | 1.4 | ASTM D792 |
| Longitudinal Change | -10% (max.) | ASTM D638 |
| Thermal | | |
| Operating Temp. (Outer Wall) | -55°C to +125°C | IEC 216 |
| Heat Shock (250°C for 4 hrs.) | No dripping, cracking or flowing (Outer Wall) | |
| Chemical | | |
| Fungus Resistance | Inert | MIL-1-7444 |
| Copper Corrosion | Good | ASTM D2671B |
| Chemical Resistance | Good | ASTM D2671 |
| Electrical | | |
| Dielectric Strength | >15kV/mm. | ASTM D2671 |
| Di-electric Constant | 3.0 (max.) | ASTM D150 |
| Volume Resistivity | 1 x 10 ¹³ Ohm. cm (min.) | ASTM D257 |



Ordering Information

GMWR 12/3 A 1000
 Gala Code _____
 Size _____
 With Adhesive _____
 Length (mm) _____

Technical Qualification Report : QR 1014