

Features/Applications

GREMSEAL® GRS is a crimp connector made of a tinned copper butt connector and a heat shrink tubing with adhesive.

GREMSEAL® GRS offers a long lasting seal.

GREMSEAL® GRS is easy to use and is suitable for a wide range of applications such as outdoor electrical and marine electrical wiring as well as maintenance and aftermarket electrical repair.

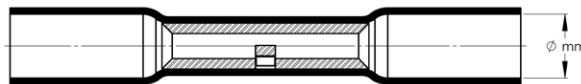
Various

100% watertight, excellent resistance to fluids.

Very high abrasion resistance.

Dimensions

| Reference | | Wire Range | As supplied (mm) | After recovery (mm) | |
|---------------|--------|---------------------------|--------------------------|--------------------------|----------------------|
| GREMSEAL® GRS | | | Inside Diameter Min. (D) | Inside Diameter Max. (d) | Standard Length (mm) |
| 0 | Clear | 0,1 - 0,5 mm ² | 3,00 | 1 | 36 |
| 1 | Red | 0,5 - 1,5 mm ² | 4,50 | 1,5 | 38 |
| 2 | Blue | 1,5 - 2,5 mm ² | 5,50 | 1,8 | 38 |
| 3 | Yellow | 4 - 6 mm ² | 6,50 | 2,2 | 42 |

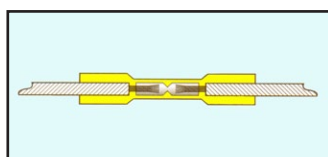


Property

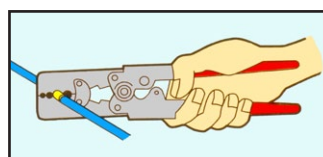
| Property | | Values | Test Methods | |
|-------------------|-----------------------------|-------------------|-------------------------|-------------|
| Physical | Working temperature | -55°C to +125°C | - | |
| | Longitudinal change | 0 to -10% | - | |
| | Tensile strength | Unaged | ≥ 28 MPa | ASTM D 2671 |
| | Elongation at break | | ≥ 500% | ASTM D 2671 |
| | Heat shock | 4h @ 250°C | No crack | ASTM D 2671 |
| | Low temperature flexibility | 1h @ -40°C | No crack | ASTM D 2671 |
| Electrical | Voltage withstand | AC 2500V, 60 sec. | No Breakdown | ASTM D 2671 |
| | Volume resistivity | | ≥ 10 ¹⁴ Ω.cm | ASTM D 876 |
| Chemical | Fluid resistance | 24h @ 23°C | Good to excellent | ASTM D 2671 |
| | Copper corrosion | | No corrosion | ASTM D 2671 |

Installation instructions

- 1- Select GREMSEAL® splice to suit conductor size.
- 2- Strip insulation to 8mm and insert into the splice barrel.
- 3- Crimp using the correct tool for pre-insulated splices (Tool recommended : GREMCRIMP)
- 4- Apply heat to the GREMSEAL® until tubing recovers and the adhesive flows from the end of the splice.



Strip insulation and insert into the splice barrel.



Crimp using the crimping tool. GREMCRIMP



Apply heat to the GREMSEAL® using the air gun.

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed containers.

