

**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 environmental 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 electrical repair.

**Various**

100% watertight, excellent resistance to fluids.  
Very high abrasion resistance.

**Dimensions**

| GREMSEAL® GRS |        | Wire range                | As supplied (mm) |                 | After recovery (mm) |  |
|---------------|--------|---------------------------|------------------|-----------------|---------------------|--|
|               |        |                           | Inside diameter  | Inside diameter | Cut length          |  |
| 1             | Red    | 0,5 - 1,5 mm <sup>2</sup> | 4.3              | 1.4             | 38                  |  |
| 2             | Blue   | 1,5 - 2,5 mm <sup>2</sup> | 5.0              | 1.8             | 38                  |  |
| 3             | Yellow | 4 - 6 mm <sup>2</sup>     | 6.5              | 2.2             | 42                  |  |

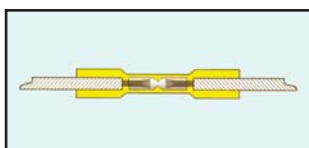


**Property**

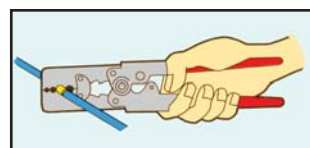
| Property          | Values  | Test Methods                  |
|-------------------|---|-------------------------------|
| <b>Physical</b>   | Working temperature                           | -55°C to +105°C               |
|                   | Tensile Strength                              | ≥ 10,3 MPa                    |
|                   | Elongation at Break                           | ≥ 200%                        |
|                   | Heat Shock (250°C x 4h)                       | no crack, flowing or dripping |
|                   | Low temperature flexibility (-55°C x 4h)      | no cracking                   |
| <b>Electrical</b> | Dielectric Strength                           | 12 kV/mm min.                 |
|                   | Fluid Resistance (after immersion 23°C x 24h) | 10,4MPa                       |

**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.



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.

11/7/2011 Rev1