

# SPECIALTY HEAT SHRINK PRODUCTS **GREMSEAL® GRS** Heat shrink splice



### **Features/Applications**

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

GREMSEAL<sup>®</sup> 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.

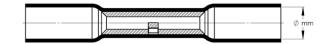
#### Various

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 mm²	3,00	1	36
1	Red	0,5 - 1,5 mm²	4,50	1,5	38
2	Blue	1,5 - 2,5 mm²	5,50	1,8	38
3	Yellow	4 - 6 mm²	6,50	2,2	42



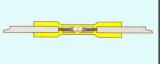
Proper	ty	Values	<b>Test Methods</b>	
Physical	Working temperature		-55°C to +125°C	-
	Longitudinal change		0 to -10%	-
	Tensile strength		≥ 28 MPa	ASTM D 2671
	Elongation at break	Unaged	≥ 500%	ASTM D 20/1
	Heat shock	4h @ 250°C	No crack	ASTM D 2671
	Low temperature flexibility	1h @ -40°C	No crack	ASTM D 2671
Electrical	Voltage withstand	AC 2500V, 60 sec.	No Breakdown	ASTM D 2671
	Volume resistivity		≥ 10 <sup>14</sup> 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

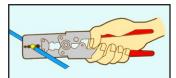
- 1- Select GREMSEAL<sup>®</sup> splice to suit conductor size.
- 2- Strip insulation to 8mm and insert into the splice barrel.
- 3- Crimp using the correct tool for pre-insulated splices (Tool recommended : GREMCRIMP)
- 4- Apply heat to the GREMSEAL® until tubing recovers and the adhesive flows from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

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





Strip insulation and insert into the splice barrel.



Crimp using the crimping tool. GREMCRIMP



Apply heat to the  $\mathsf{GREMSEAL}^{\texttt{®}}$  using the air gun.

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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.

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