

**Features/Applications**

GREMSEAL® GSS-RS is a heat shrink solder termination sleeve composed of a transparent irradiated polyolefin tubing, a pre-fluxed solder preform, and meltable sealing rings. GREMSEAL® GSS-RS offers reliable electrical connections, excellent insulation properties, and effective environmental sealing, with good resistance to mechanical stress. GREMSEAL® GSS-RS is suitable for cable splices, pin-to-pin and wire-to-pin terminations in electrical and electronic applications. It does not contain RoHS restricted substances above applicable limits and is suitable for use in RoHS compliant applications.

**Various**

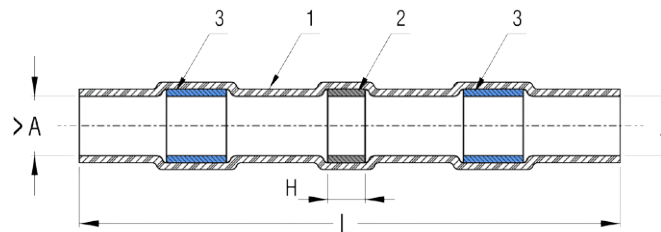
Special sizes available on request.

**Dimensions**

| Reference              | As supplied (mm) |           |                 | Standard Color |
|------------------------|------------------|-----------|-----------------|----------------|
|                        | ØA (nom.)        | ØH (nom.) | Lenght L (nom.) |                |
| <i>GREMSEAL® GSS-R</i> |                  |           |                 |                |
| 001,0                  | 1,8 ±0,5         | 1,7 ±0,1  | 26,0 ±2,0       | White          |
| 002,0                  | 2,8 ±0,5         | 3,2 ±0,1  | 40,0 ±2,0       | Red            |
| 003,0                  | 4,8 ±0,5         | 4,2 ±0,2  | 40,0 ±2,0       | Blue           |
| 004,0                  | 6,2 ±0,5         | 4,0 ±0,2  | 40,0 ±2,0       | Yellow         |
| 010,0                  | 2,8 ±0,5         | 3,2 ±0,1  | 16,0 ±2,0       | Red            |
| 008,0                  | 4,8 ±0,5         | 3,0 ±0,1  | 21,0 ±2,0       | Blue           |
| 009,0                  | 4,8 ±0,5         | 4,2 ±0,2  | 30,5 ±2,0       | Blue           |
| 011,0                  | 7,3 ±0,5         | 3,0 ±0,1  | 21,0 ±2,0       | Blue           |
| 006,0                  | 7,3 ±0,5         | 4,2 ±0,2  | 31,0 ±2,0       | Blue           |
| 012,0                  | 9,0 ±0,5         | 4,5 ±0,2  | 36,5 ±2,0       | Blue           |
| 007,0                  | 11,5 ±0,5        | 4,2 ±0,2  | 34,0 ±2,0       | Blue           |
| 015,0                  | 14,0 ±0,5        | 4,5 ±0,2  | 47,0 ±3,0       | Blue           |
| 016,0                  | 17,8 ±0,5        | 6,0 ±0,2  | 56,5 ±3,0       | Blue           |
| 017,0                  | 24,9 ±1,0        | 10,5 ±0,2 | 77,5 ±5,0       | White          |
| 018,0                  | 33,8 ±1,0        | 11,0 ±0,2 | 77,5 ±5,0       | White          |



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**Materials:**

1. Insulation sleeve: Heat shrinkable, radiation crosslinked, modified Polyolefin
2. Solder preform: Alloy: Sn/Bi
3. Meltable sealing rings: Thermally stabilized thermoplastic

| Property                     | Values        | Test Methods        |
|------------------------------|---------------|---------------------|
| Dielectric voltage withstand | 2,0 kV        | RT-1404             |
| Voltage rating               | 600V          | RT-1404             |
| Voltage drop                 | < 2,0 mV      | RT-1404             |
| Cooper Corrosion             | Non corrosive | UL 224 / ASTM D2641 |

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

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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.