

## RCSBR-3

The REPL range of Cold Shrink Cable Breakout RCSBR-3 are designed as a quick and reliable method to protect and seal the crutch area of 3 core polymeric and paper insulated power cables.

The silicone moulding provides excellent thermal stability and weathering protection. They can be installed quickly and easily without the need for special tools or heat.



- Quick and easy installation using no heat source or special tools
- Excellent resistance to UV , ozone and moisture
- Excellent thermal stability
- Range covers all popular cable sizes available
- Standard Colour : Grey
- Semi-conductive versions also available

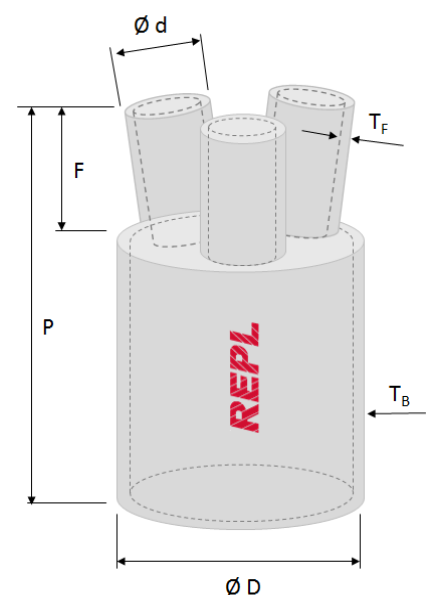
### PRODUCT DIMENSIONS

| Product Code | Ø D |    | Ø d |    | P   | F  | T <sub>B</sub> | T <sub>F</sub> |
|--------------|-----|----|-----|----|-----|----|----------------|----------------|
|              | E   | S  | E   | S  | S   | S  | S              | S              |
|              | mm  | mm | mm  | mm | mm  | mm | mm             | mm             |
| RCSBR-3-0921 | 54  | 21 | 22  | 9  | 187 | 50 | 3.5            | 2.2            |
| RCSBR-3-1431 | 82  | 31 | 32  | 14 | 210 | 60 | 3.5            | 2.2            |
| RCSBR-3-2043 | 90  | 43 | 43  | 20 | 215 | 65 | 4.0            | 4.0            |
| RCSBR-3-2246 | 120 | 52 | 52  | 22 | 232 | 60 | 3.8            | 2.5            |
| RCSBR-3-2856 | 150 | 64 | 64  | 28 | 270 | 65 | 3.8            | 2.5            |

\*Drawing depicts typical dimensions (E = expanded, S = fully recovered)

### MATERIAL SPECIFICATIONS

| Characteristic                                    | Value                     | Test Method           |
|---|---------------------------|-----------------------|
| <b>Physical Properties</b>                        |                           |                       |
| Specific Gravity                                  | 1.10 +/- 0.05             | ASTMD – 1505          |
| Tensile Strength                                  | >3 N/mm <sup>2</sup>      | ASTM D – 412 / ISO 37 |
| Ultimate Elongation                               | >300%                     | ASTM D – 412 / ISO 37 |
| Hardness  | 30-60 Shore A             | ASTM D – 2240         |
| <b>Thermal Ageing Tests (120°C for 500 hours)</b> |                           |                       |
| Ultimate Elongation                               | >300%                     | ASTM D – 412 / ISO 37 |
| Tensile Strength                                  | >3 N/mm <sup>2</sup>      | ASTM D – 412 / ISO 37 |
| <b>Electrical Properties</b>                      |                           |                       |
| Volume Resistivity                                | 1x10 <sup>12</sup> Ohm-cm | ASTM D – 257 / IEC 93 |



REPL reserve the right to update the information contained in this document at any time without notice. It is the users responsibility to ensure it is suitable for the intended application. Any implied warranty relating to fitness for a particular purpose are explicitly excluded unless agreed in writing by REPL.  
©REPL 2017