### CABLE GLAND SELECTION TABLE

#### ACCESSORIES:
- CR-SBF20/NP/M20/050NPT
  - Electroless Nickel Plating
  - Materials: Brass or Stainless Steel
  - Operating Temp: -60°C to +135°C
  - IP Rating: Serrated Washers
    - Stainless Steel (ACSSW)
    - Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
  - IP Washers
  - Earth Tag
  - Options

#### PART NUMBERS:
- CR S B F
- S

#### NOTES
- Gland with Compound (Barrier) Seal
  - CR-S
- B (Brass) / Stainless Steel (SS)
  - Female Back End Configuration
- L
  - Locknut (material dictated by gland entry thread material)
- N
  - Including IP Washer, Nylon (N) - Fibre (F) - PTFE (F)
- T
  - Including Earth Tag
- S
  - Including Serrated Washer
  - 1 Quantity per Tag
- NP
  - Nickel Plated

#### OPTIONS
- M20 x 1.5 Male Entry Thread
- 12”NPT Internal Female Connection Thread

#### LOCKNUT
- Brass (ACBEN) / Stainless Steel (ACSNN)

#### EARTH TAG
- Brass (ACBET) / Stainless Steel (ACSET)

#### IP WASHERS
- Nylon (ACNDSW) / Fibre (ACFSW) / PTFE (ACPSW)

#### SERRATED WASHERS
- Stainless Steel (ACSSWW)

#### IP RATING:
- IP66 & IP68 (100 metres - 7 Days), Type 4X & DTS01:1991

#### OPERATING TEMP:
- -40°C to +135°C

#### MATERIALS:
- Brass or Stainless Steel

#### PLATING:
- Electroless Nickel

#### COMPOUND:
- Peppers T-1000 Sealing Compound

### Single Compression Barrier Gland featuring Peppers T-1000 Compound and a Female Conduit Connection Thread

#### Ex d / Ex e / Ex nR / Ex : IP66 : IP68 : Class I Div 2

#### PRODUCT DESCRIPTION:

"CR-S/F" type glands, used in any orientation, are certified Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Group I (Mines), Zone 1 and 2 areas, Groups II, III A and B, IIA, IIB and IIC, and additionally for use in Zones 20, 21 and 22 for Dust Groups IIA, IIB and IIC.

Commonly referred to as a "Conduit Stopper Box", they are suitable for use with conductors carried in conduit or as a line bushing for terminating flying leads. They provide a compound barrier Ex d & IP seal on the cable inner cores, eliminating damage to cables that exhibit "cold flow" characteristics.

For gland installations where there is a need for cable protection, Peppers T-1000, the sealing compound that enables a quick and easy installation and an innovative barrier chamber that allows for a full inspection of the compound fill. The gland maintains IP66 & IP68 to 100 metres and is deluge proof without the use of an additional seal or deluge boot. It is supplied with an IP O-ring seal as standard on metric entry threads. The gland is supplied with a female conduit connection thread.

#### COMPLIANCE STANDARDS:

- EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-21 & IEC 60529
- C22.2 (see certificate), CAN/CSA 60079-0/1/7, UL50
- Ex d : Ex e : Ex nR : Ex ta : IP66 : IP68 : Class I Div 2
- Ex d I Mb / Ex d IIC Gb / Ex e I Mb / Ex e IIC Gb / Ex ta IIIC Da
- Ex nR IIC Gc
- Ex ta IIIC Da / II 3G Ex nR IIC Gc

#### PART NUMBERS:
- CR S B F
- S

#### NOTES
- Gland with Compound (Barrier) Seal
- Peppers Cable Glands Limited will not be held responsible for clients’ installations where this has not been taken into account.
- When selecting IP Washer material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- The gland is supplied with the correct amount of the two-part compound, gloves and instructions to allow one complete termination.
- Where approval in addition to ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.

#### CURING TIME:
- @ 21°C Conductor termination time can be affected (1 hour). Compound chamber can be fully inspected after 4 hours and the equipment then energized.

### Gland size

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<td>M20 x 1.5</td>
<td>1/2” or 3/4”</td>
<td>16</td>
<td>M20 x 1.5</td>
<td>1/2” or 3/4”</td>
<td>40</td>
<td>125</td>
<td>14.0</td>
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<td>16</td>
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<td>37.6</td>
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<td>M32 x 1.5</td>
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<td>16</td>
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<td>1” or 1 1/8”</td>
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<td>46.0</td>
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<td>16</td>
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<td>1 1/8” or 1 1/4”</td>
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### PART NUMBERS
- CR S B F
- S

### CERTIFICATION

#### Ex d:
- ATEX
- IECEx
- CEC - Canada
- UKRAINE
- ABS
- SIRA
- RMRS

#### Ex e:
- ATEX
- IECEx
- CEC - Canada
- UKRAINE
- ABS
- SIRA

#### Ex nR:
- ATEX
- IECEx
- CEC - Canada
- UKRAINE
- ABS
- SIRA

#### Ex ta:
- ATEX
- IECEx
- CEC - Canada
- UKRAINE
- ABS
- SIRA

#### IP66:
- ATEX
- IECEx
- CEC - Canada
- UKRAINE
- ABS
- SIRA

#### IP68:
- ATEX
- IECEx
- CEC - Canada
- UKRAINE
- ABS
- SIRA

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