

# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

## Application

- Provide a liquidtight and strain relief termination for flexible type neoprene, hypalon, and PVC jacketed power or control cord and cable.
- For use in wet or dry locations sealing electrical connections against dust and dirt, oil, water or other atmosphere containing moisture.

## Features

- Available in straight or 90°, aluminum or steel construction to meet the requirements of rugged service on all types of equipment and in all non-hazardous areas.
- Color coded identification label clearly states the catalog number and minimum-maximum cable diameter range for which the connector is designed.
- Neoprene sealing grommet firmly but safely grips cable jacket providing strain relief while protecting internal wiring connections against external tension on cable or cord.
- Steel or Teflon\* washer reduces friction between grommet and connector cap providing even pressure distribution, eliminating leakage resulting from grommet distortion.
- Large aluminum connectors 1-1/2" thru 4" and all steel connectors are constructed with hex head cap.
- For particularly harsh applications, wire mesh strain reliefs may be used with cord and cable connectors.
- CG Series in aluminum construction is available in straight type from 1/4" thru 4", 90° type from 3/8" thru 1-1/4".
- CG Series in steel construction is available in straight type from 1/4" thru 2" and 90° type from 3/8" thru 1-1/4".

## Standard Materials

- Aluminum connectors
  - Straight body: aluminum
  - 90° body: cast aluminum
  - Cap: copperfree (4/10 of 1% or less) aluminum
  - Sealing grommet: neoprene
  - Washer: steel or Teflon\*
  - Wire mesh strain relief: stainless steel
  - Cap on wire mesh: copperfree (4/10 of 1% or less) aluminum
- Steel connectors
  - Straight body: machined steel
  - 90° body: malleable iron
  - Cap: machined steel
  - Sealing grommet: neoprene
  - Washer: steel or Teflon \*
  - Wire mesh strain relief: stainless steel
  - Cap on wire mesh: steel, zinc plate

## Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178

## Related Products

- Locknuts are available, refer to *Commercial Fittings*

## Options

- PVC coating available on select connectors. Add suffix **-PVC** to catalog number.

### Aluminum



Straight



90°

### Steel



Straight



90°



Wire Mesh Strain Relief for Cord Connectors



Color coded label

\* Teflon is a registered trademark of E.I. DuPont de Nemours and Co.

# Straight Liquidtight Strain Relief Cord and Cable Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

|   | Catalog Number           |                     | Cable Range<br>(Inches) | Color Coded<br>Label | Dimensions (in/mm) |               | Wt. Lbs./Kgs. Per 100 |              |
|---|--------------------------|---------------------|-------------------------|----------------------|--------------------|---------------|-----------------------|--------------|
|   | Aluminum                 | Steel               |                         |                      | A                  | B             | Aluminum              | Steel        |
|  <p>Aluminum</p> | <b>1/4 Inch Hubs</b>     |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-0625</b> ②         | <b>CG-0625S</b> ②   | 0.060—0.156             | Purple/Pink          | 0.88/22.4          | 0.75/19.1     | —                     | —            |
|   | <b>CG-1525</b> ②         | <b>CG-1525S</b> ②   | 0.156—0.250             | Orange/Gray          | 0.88/22.4          | 0.75/19.1     | 3.70/1.68             | 9.00/4.08    |
|   | <b>3/8 Inch Hubs</b>     |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-1238</b>           | <b>CG-1238S</b>     | 0.125—0.187             | Red                  | 0.81/20.6          | 0.94/23.9     | 5.60/2.54             | 14.80/6.71   |
|   | <b>CG-1838</b>           | <b>CG-1838S</b>     | 0.187—0.312             | Brown                | 0.81/20.6          | 0.94/23.9     | 5.00/2.27             | 13.20/5.99   |
|   | <b>CG-3138</b>           | <b>CG-3138S</b>     | 0.312—0.437             | Yellow               | 0.81/20.6          | 0.94/23.9     | 5.60/2.54             | 14.80/6.71   |
|   | <b>1/2 Inch Hubs</b> ④   |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-1250</b>           | <b>CG-1250S</b>     | 0.125—0.187             | Red                  | 0.81/20.6          | 0.94/23.9     | 6.00/2.72             | 15.60/7.08   |
|   | <b>CG-1850</b>           | <b>CG-1850S</b>     | 0.187—0.312             | Brown                | 0.81/20.6          | 0.94/23.9     | 6.00/2.72             | 15.60/7.08   |
| <b>CG-3150</b>  | <b>CG-3150S</b>          | 0.312—0.437         | Yellow                  | 0.81/20.6            | 0.94/23.9          | 6.00/2.72     | 15.60/7.08            |              |
| <b>CG-3750</b>  | <b>CG-3750S</b>          | 0.375—0.500         | Purple                  | 0.81/20.6            | 1.25/31.8          | 8.00/3.63     | 20.80/9.43            |              |
| <b>CG-5050</b>  | <b>CG-5050S</b>          | 0.500—0.625         | Pink                    | 0.81/20.6            | 1.25/31.8          | 8.00/3.63     | 20.80/9.43            |              |
| <b>CG6250</b> ①   | <b>CG-6250S</b> ①        | 0.625—0.750         | Orange                  | 0.81/20.6            | 1.25/31.8          | 8.00/3.63     | 20.80/9.43            |              |
|  <p>Steel</p>   | <b>3/4 Inch Hubs</b> ④   |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-1275</b>           | <b>CG-1275S</b>     | 0.125—0.250             | Blue                 | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | <b>CG-2575</b>           | <b>CG-2575S</b>     | 0.250—0.375             | Green                | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | <b>CG-3775</b>           | <b>CG-3775S</b>     | 0.375—0.500             | Purple               | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | <b>CG-5075</b>           | <b>CG-5075S</b>     | 0.500—0.625             | Pink                 | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | <b>CG-6275</b>           | <b>CG-6275S</b>     | 0.625—0.750             | Orange               | 0.88/22.4          | 1.38/35.1     | 10.00/4.54            | 26.00/11.79  |
|   | <b>CG-7575</b> ①         | <b>CG-7575S</b> ①   | 0.750—0.875             | Gray                 | 0.88/22.4          | 1.38/35.1     | 10.00/4.54            | 26.00/11.79  |
|   | <b>1 Inch Hubs</b> ④     |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-37100</b>          | <b>CG-37100S</b>    | 0.375—0.500             | Purple               | 0.94/23.9          | 1.38/35.1     | 15.00/6.80            | 39.00/17.69  |
|   | <b>CG-50100</b>          | <b>CG-50100S</b>    | 0.500—0.625             | Pink                 | 0.94/23.9          | 1.38/35.1     | 15.00/6.80            | 39.00/17.69  |
| <b>CG-62100</b>   | <b>CG-62100S</b>         | 0.625—0.750         | Orange                  | 0.94/23.9            | 1.38/35.1          | 15.00/6.80    | 39.00/17.69           |              |
| <b>CG-75100</b>   | <b>CG-75100S</b>         | 0.750—0.875         | Gray                    | 0.94/23.9            | 1.75/44.5          | 15.00/6.80    | 39.00/17.69           |              |
| <b>CG-87100</b>   | <b>CG-87100S</b>         | 0.875—1.000         | Red                     | 0.94/23.9            | 1.75/44.5          | 15.00/6.80    | 39.00/17.69           |              |
| <b>CG-100100</b> ①  | <b>CG-100100S</b> ①      | 1.000—1.125         | Blue                    | 0.94/23.9            | 1.75/44.5          | 15.00/6.80    | 39.00/17.69           |              |
|  <p>Steel</p>  | <b>1-1/4 Inch Hubs</b> ④ |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-75125</b>          | <b>CG-75125S</b>    | 0.750—0.875             | Gray                 | 1.06/26.9          | 1.75/44.5     | 23.00/10.43           | 60.00/27.22  |
|   | <b>CG-87125</b>          | <b>CG-87125S</b>    | 0.875—1.000             | Red                  | 1.06/26.9          | 1.75/44.5     | 25.00/11.34           | 65.00/29.48  |
|   | <b>CG-100125</b>         | <b>CG-100125S</b>   | 1.000—1.125             | Blue                 | 1.06/26.9          | 2.13/54.1     | 25.00/11.34           | 65.00/29.48  |
|   | <b>CG-112125</b>         | <b>CG-112125S</b>   | 1.125—1.250             | Brown                | 1.06/26.9          | 2.13/54.1     | 25.00/11.34           | 65.00/29.48  |
|   | <b>CG-125125</b> ①       | <b>CG-125125S</b> ① | 1.250—1.375             | Green                | 1.06/26.9          | 2.13/54.1     | 22.00/9.98            | 57.00/25.85  |
|   | <b>CG-137125</b> ①       | <b>CG-137125S</b> ① | 1.375—1.500             | Yellow               | 1.06/26.9          | 2.13/54.1     | 20.00/9.07            | 52.00/23.59  |
|   | <b>1-1/2 Inch Hubs</b>   |                     |                         |                      |                    |               |                       |              |
|   | <b>CG-115150</b>         | <b>CG-115150S</b>   | 1.156—1.312             | —                    | 1.94/49.3          | 2.19/55.6     | 31.10/14.11           | 92.00/41.73  |
|   | <b>CG-128150</b> ③       | <b>CG-128150S</b>   | 1.281—1.531             | —                    | 2.63/66.8          | 2.56/65.0     | 61.20/27.76           | 160.00/72.57 |
| <b>2 Inch Hubs</b>  |                          |                     |                         |                      |                    |               |                       |              |
| <b>CG-153200</b> ②  | <b>CG-153200S</b>        | 1.531—1.780         | —                       | 2.44/62.0            | 3.00/76.2          | 95.00/43.09   | 230.00/104.33         |              |
| <b>CG-165200</b> ③  | —                        | 1.650—2.000         | —                       | 2.44/62.0            | 3.19/81.0          | 100.00/45.36  | —                     |              |
| <b>2-1/2 Inch Hubs</b>  |                          |                     |                         |                      |                    |               |                       |              |
| <b>CG-200250</b> ③  | —                        | 2.000—2.343         | —                       | 3.06/77.7            | 3.44/87.4          | 141.30/64.09  | —                     |              |
| <b>CG-225250</b> ③  | —                        | 2.250—2.500         | —                       | 3.06/77.7            | 3.69/93.7          | 141.90/64.36  | —                     |              |
| <b>3 Inch Hubs</b>  |                          |                     |                         |                      |                    |               |                       |              |
| <b>CG-250300</b> ③  | —                        | 2.500—2.843         | —                       | 3.06/77.7            | 4.06/103.1         | 196.30/89.04  | —                     |              |
| <b>CG-268300</b> ③  | —                        | 2.687—3.062         | —                       | 3.25/82.6            | 4.50/114.3         | 256.30/116.26 | —                     |              |
| <b>3-1/2 Inch Hubs</b> ②  |                          |                     |                         |                      |                    |               |                       |              |
| <b>CG-300350</b>  | —                        | 3.000—3.390         | —                       | 3.25/82.6            | 4.75/120.7         | 212.50/96.39  | —                     |              |
| <b>CG-328350</b>  | —                        | 3.281—3.515         | —                       | 3.25/82.6            | 5.00/127.0         | 225.00/102.06 | —                     |              |
| <b>4 Inch Hubs</b> ②  |                          |                     |                         |                      |                    |               |                       |              |
| <b>CG-350400</b>  | —                        | 3.500—3.843         | —                       | 3.25/82.6            | 5.25/133.4         | 275.00/124.74 | —                     |              |
| <b>CG-375400</b>  | —                        | 3.750—4.000         | —                       | 3.25/82.6            | 5.50/139.7         | 293.80/133.27 | —                     |              |

- ① Remove sufficient outer covering of cord or cable to pass conductors through connector body.
- ② Not UL Listed.
- ③ Not CSA Certified.
- ④ PVC coating available on select connectors. Add suffix **-PVC** to catalog number.



Color coded label

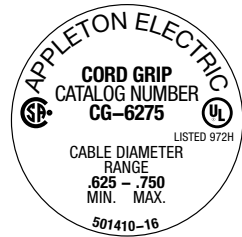
FITTINGS: CABLE AND CORD FITTINGS

Fittings

# 90° Liquidtight Strain Relief Cord and Cable Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

|  | Catalog Number        |                       | Cable Range<br>(Inches) | Color Coded<br>Label | Dimension (in/mm) |             | Wt. Lbs./Kgs. Per 100 |              |
|--|-----------------------|-----------------------|-------------------------|----------------------|-------------------|-------------|-----------------------|--------------|
|  | Aluminum              | Steel                 |                         |                      | A                 | B           | Aluminum              | Steel        |
| <b>3/8 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|    | <b>CG90-1238</b>      | <b>CG90-1238S</b>     | 0.125—0.187             | Red                  | 1.63/41.4         | 0.94/23.9   | 13.00/5.90            | 34.00/15.42  |
|  | <b>CG90-1838</b>      | <b>CG90-1838S</b>     | 0.187—0.312             | Brown                | 1.63/41.4         | 0.94/23.9   | 7.00/3.18             | 18.40/8.35   |
|  | <b>CG90-3138 *</b>    | <b>CG90-3138S *</b>   | 0.312—0.437             | Yellow               | 1.63/41.4         | 0.94/23.9   | 7.00/3.18             | 18.40/8.35   |
| <b>1/2 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|    | <b>CG90-1250</b>      | <b>CG90-1250S</b>     | 0.125—0.250             | Blue                 | 1.63/41.4         | 1.25/31.8   | 13.00/5.90            | 34.00/15.42  |
|  | <b>CG90-2550</b>      | <b>CG90-2550S</b>     | 0.250—0.375             | Green                | 1.63/41.4         | 1.25/31.8   | 13.00/5.90            | 34.00/15.42  |
|  | <b>CG90-3750</b>      | <b>CG90-3750S</b>     | 0.375—0.500             | Purple               | 1.63/41.4         | 1.25/31.8   | 12.00/5.44            | 31.20/14.15  |
|  | <b>CG90-5050 *</b>    | <b>CG90-5050S *</b>   | 0.500—0.625             | Pink                 | 1.5/38.1          | 1.25/31.8   | 10.00/4.54            | 26.00/11.79  |
|  | <b>CG90-6250 *</b>    | <b>CG90-6250S *</b>   | 0.625—0.750             | Orange               | 1.5/38.1          | 1.25/31.8   | 12.00/5.44            | 31.20/14.15  |
| <b>3/4 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|  | <b>CG90-2575</b>      | <b>CG90-2575S</b>     | 0.250—0.375             | Green                | 1.75/44.5         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-3775</b>      | <b>CG90-3775S</b>     | 0.375—0.500             | Purple               | 1.75/44.5         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-5075</b>      | <b>CG90-5075S</b>     | 0.500—0.625             | Pink                 | 1.75/44.5         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-6275 *</b>    | <b>CG90-6275S *</b>   | 0.625—0.750             | Orange               | 1.63/41.4         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-7575 *</b>    | <b>CG90-7575S *</b>   | 0.750—0.875             | Gray                 | 1.63/41.4         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
| <b>1 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|  | <b>CG90-62100</b>     | <b>CG90-62100S</b>    | 0.625—0.750             | Orange               | 2.19/55.6         | 1.75/44.5   | 26.00/11.79           | 67.60/30.66  |
|  | <b>CG90-75100</b>     | <b>CG90-75100S</b>    | 0.750—0.875             | Gray                 | 2.19/55.6         | 1.75/44.5   | 40.00/18.14           | 104.00/47.17 |
|  | <b>CG90-87100 *</b>   | <b>CG90-87100S *</b>  | 0.875—1.000             | Red                  | 2.19/55.6         | 1.75/44.5   | 25.00/11.34           | 65.00/29.48  |
|  | <b>CG90-100100 *</b>  | <b>CG90-100100S *</b> | 1.000—1.125             | Blue                 | 2.19/55.6         | 1.75/44.5   | 26.00/11.79           | 67.60/30.66  |
| <b>1-1/4 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|  | <b>CG90-75125</b>     | <b>CG90-75125S</b>    | 0.750—0.875             | Gray                 | 2.56/65.0         | 2.13/54.1   | 40.00/18.14           | 104.00/47.17 |
|  | <b>CG90-87125</b>     | <b>CG90-87125S</b>    | 0.875—1.000             | Red                  | 2.56/65.0         | 2.13/54.1   | 41.00/18.60           | 106.60/48.35 |
|  | <b>CG90-100125</b>    | <b>CG90-100125S</b>   | 1.000—1.125             | Blue                 | 2.56/65.0         | 2.13/54.1   | 39.00/17.69           | 101.40/45.99 |
|  | <b>CG90-112125 *</b>  | <b>CG90-112125S *</b> | 1.125—1.250             | Brown                | 2.44/62.0         | 2.13/54.1   | 38.00/17.24           | 98.80/44.81  |
|  | <b>CG90-125125 *</b>  | <b>CG90-125125S *</b> | 1.250—1.375             | Green                | 2.44/62.0         | 2.13/54.1   | 60.00/27.22           | 156.00/70.76 |
| <b>CG90-137125 *</b>   | <b>CG90-137125S *</b> | 1.375—1.500           | Yellow                  | 2.44/62.0            | 2.13/54.1         | 35.00/15.88 | 91.00/41.28           |              |



Color coded label

FITTINGS: CABLE AND CORD FITTINGS

Fittings

\* Remove sufficient outer covering of cord or cable to pass conductors through connector body.

# Replacement Glands for Aluminum and Steel CG and CG90 Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

| Catalog Number                             | For Use With Straight Connectors | For Use With 90° Connectors | Cable Range (Inches) | Wt. Lbs./Kgs. Per 100 |
|--|----------------------------------|-----------------------------|----------------------|-----------------------|
| <b>For Connectors with 3/8 Inch Hubs</b>   |                                  |                             |                      |                       |
| CGG-221                                    | CG-1238                          | CG90-1238                   | 0.125—0.187          | 2.50/1.13             |
| CGG-222                                    | CG-1838                          | CG90-1838                   | 0.187—0.312          | 1.90/0.86             |
| CGG-223                                    | CG-3138                          | CG90-3138                   | 0.312—0.437          | 1.30/0.59             |
| <b>For Connectors with 1/2 Inch Hubs</b>   |                                  |                             |                      |                       |
| CGG-221                                    | CG-1250                          | —                           | 0.125—0.187          | 2.50/1.13             |
| CGG-271                                    | —                                | CG90-1250                   | 0.125—0.250          | 1.90/0.86             |
| CGG-222                                    | CG-1850                          | —                           | 0.187—0.312          | 1.90/0.86             |
| CGG-272                                    | —                                | CG90-2550                   | 0.250—0.375          | 1.30/0.59             |
| CGG-223                                    | CG-3150                          | —                           | 0.312—0.437          | 1.30/0.59             |
| CGG-273                                    | CG-3750                          | CG90-3750                   | 0.375—0.500          | 1.90/0.86             |
| CGG-274                                    | CG-5050                          | CG90-5050                   | 0.500—0.625          | 1.30/0.59             |
| CGG-275                                    | CG-6250                          | CG90-6250                   | 0.625—0.750          | 1.00/0.45             |
| <b>For Connectors with 3/4 Inch Hubs</b>   |                                  |                             |                      |                       |
| CGG-271                                    | CG-1275                          | —                           | 0.125—0.250          | 1.90/0.86             |
| CGG-272                                    | CG-2575                          | —                           | 0.250—0.375          | 1.30/0.59             |
| CGG-325                                    | —                                | CG90-2575                   | 0.250—0.375          | 1.30/0.59             |
| CGG-273                                    | CG-3775                          | —                           | 0.375—0.500          | 1.90/0.86             |
| CGG-321                                    | —                                | CG90-3775                   | 0.375—0.500          | 1.90/0.86             |
| CGG-274                                    | CG-5075                          | —                           | 0.500—0.625          | 1.30/0.59             |
| CGG-322                                    | —                                | CG90-5075                   | 0.500—0.625          | 1.30/0.59             |
| CGG-323                                    | CG-6275                          | CG90-6275                   | 0.625—0.750          | 1.00/0.45             |
| CGG-324                                    | CG-7575                          | CG90-7575                   | 0.750—0.875          | 1.00/0.45             |
| <b>For Connectors with 1 Inch Hubs</b>     |                                  |                             |                      |                       |
| CGG-321                                    | CG-37100                         | —                           | 0.375—0.500          | 1.90/0.86             |
| CGG-322                                    | CG-50100                         | —                           | 0.500—0.625          | 1.30/0.59             |
| CGG-323                                    | CG-62100                         | —                           | 0.625—0.750          | 1.00/0.45             |
| CGG-374                                    | —                                | CG90-62100                  | 0.625—0.750          | 1.00/0.45             |
| CGG-371                                    | CG-75100                         | CG90-75100                  | 0.750—0.875          | 2.90/1.32             |
| CGG-372                                    | CG-87100                         | CG90-87100                  | 0.875—1.000          | 2.50/1.13             |
| CGG-373                                    | CG-100100                        | CG90-100100                 | 1.000—1.125          | 2.20/1.00             |
| <b>For Connectors with 1-1/4 Inch Hubs</b> |                                  |                             |                      |                       |
| CGG-371                                    | CG-75125                         | —                           | 0.750—0.875          | 2.90/1.32             |
| CGG-425                                    | —                                | CG90-75125                  | 0.750—0.875          | 2.90/1.32             |
| CGG-372                                    | CG-87125                         | —                           | 0.875—1.000          | 2.50/1.13             |
| CGG-426                                    | —                                | CG90-87125                  | 0.875—1.000          | 2.50/1.13             |
| CGG-421                                    | CG-100125                        | CG90-100125                 | 1.000—1.125          | 2.20/1.00             |
| CGG-422                                    | CG-112125                        | CG90-112125                 | 1.125—1.250          | 1.90/0.86             |
| CGG-423                                    | CG-125125                        | CG90-125125                 | 1.250—1.375          | 1.60/0.73             |
| CGG-424                                    | CG-137125                        | CG90-137125                 | 1.375—1.500          | 1.30/0.59             |



FITTINGS: CABLE AND CORD FITTINGS

Fittings

For Steel Backed Neoprene Sealing Gaskets and Steel Gasketed Sealing Locknuts, see Commercial Fittings.

# Wire Mesh Strain Relief for Aluminum Cord Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

| For Aluminum Cord Connectors               |             | Use Catalog Number | Dimensions (in/mm) |             | Wt. Lbs./Kgs. Per 100 |
|--|-------------|--------------------|--------------------|-------------|-----------------------|
| CG—Straight                                | CG—90°      |                    | A                  | B           |                       |
| <b>For Connectors with 3/8 Inch Hubs</b>   |             |                    |                    |             |                       |
| CG-1238                                    | CG90-1238   | CG-SR1             | 0.94/23.9          | 3.63/92.2   | 5.40/2.40             |
| CG-1838                                    | CG90-1838   | CG-SR2             | 0.94/23.9          | 4.38/111.3  | 5.40/2.40             |
| CG-3138                                    | CG90-3138   | CG-SR3             | 0.94/23.9          | 5.5/139.7   | 5.40/2.40             |
| <b>For Connectors with 1/2 Inch Hubs</b>   |             |                    |                    |             |                       |
| CG-1250                                    | —           | CG-SR1             | 0.94/23.9          | 3.63/92.2   | 11.70/5.30            |
| —  | CG90-1250   | CG-SR4             | 1.25/31.8          | 4.38/111.3  | 11.70/5.30            |
| CG-1850                                    | —           | CG-SR2             | 0.94/23.9          | 4.38/111.3  | 11.70/5.30            |
| —  | CG90-2550   | CG-SR5             | 1.25/31.8          | 5.5/139.7   | 11.70/5.30            |
| CG-3150                                    | —           | CG-SR3             | 0.94/23.9          | 5.5/139.7   | 11.70/5.30            |
| CG-3750                                    | CG90-3750   | CG-SR6             | 1.25/31.8          | 6.13/155.7  | 11.70/5.30            |
| CG-5050                                    | CG90-5050   | CG-SR7             | 1.25/31.8          | 6.88/174.8  | 11.70/5.30            |
| CG-6250                                    | CG90-6250   | CG-SR8             | 1.25/31.8          | 9.38/238.3  | 11.70/5.30            |
| <b>For Connectors with 3/4 Inch Hubs</b>   |             |                    |                    |             |                       |
| CG-1275                                    | —           | CG-SR4             | 1.25/31.8          | 4.38/111.3  | 16.10/7.30            |
| CG-2575                                    | —           | CG-SR5             | 1.25/31.8          | 5.5/139.7   | 16.10/7.30            |
| —  | CG90-2575   | CG-SR9             | 1.38/35.1          | 4.13/104.9  | 16.10/7.30            |
| CG-3775                                    | —           | CG-SR6             | 1.25/31.8          | 6.13/155.7  | 16.10/7.30            |
| —  | CG90-3775   | CG-SR10            | 1.38/35.1          | 5.5/139.7   | 16.10/7.30            |
| CG-5075                                    | —           | CG-SR7             | 1.25/31.8          | 6.88/174.8  | 16.10/7.30            |
| —  | CG90-5075   | CG-SR11            | 1.38/35.1          | 6.38/162.1  | 16.10/7.30            |
| CG-6275                                    | CG90-6275   | CG-SR12            | 1.38/35.1          | 8.38/212.9  | 16.10/7.30            |
| CG-7575                                    | CG90-7575   | CG-SR13            | 1.38/35.1          | 9.13/231.9  | 16.10/7.30            |
| <b>For Connectors with 1 Inch Hubs</b>     |             |                    |                    |             |                       |
| CG-37100                                   | —           | CG-SR10            | 1.38/35.1          | 5.5/139.7   | 18.70/8.50            |
| CG-50100                                   | —           | CG-SR11            | 1.38/35.1          | 6.38/162.1  | 18.70/8.50            |
| CG-62100                                   | —           | CG-SR12            | 1.38/35.1          | 8.38/212.9  | 18.70/8.50            |
| —  | CG90-62100  | CG-SR14            | 1.75/44.5          | 9.06/230.1  | 18.70/8.50            |
| CG-75100                                   | CG90-75100  | CG-SR15            | 1.75/44.5          | 9.06/230.1  | 18.70/8.50            |
| CG-87100                                   | CG90-87100  | CG-SR16            | 1.75/44.5          | 7.94/201.7  | 18.70/8.50            |
| CG-100100                                  | CG90-100100 | CG-SR17            | 1.75/44.5          | 7.94/201.7  | 18.70/8.50            |
| <b>For Connectors with 1-1/4 Inch Hubs</b> |             |                    |                    |             |                       |
| CG-75125                                   | —           | CG-SR15            | 1.75/44.5          | 9.06/230.1  | 21.40/9.70            |
| —  | CG90-75125  | CG-SR18            | 2.13/54.1          | 8.94/227.1  | 21.40/9.70            |
| CG-87125                                   | —           | CG-SR16            | 1.75/44.5          | 7.94/201.7  | 21.40/9.70            |
| —  | CG90-87125  | CG-SR19            | 2.13/54.1          | 7.94/201.7  | 21.40/9.70            |
| CG-100125                                  | CG90-100125 | CG-SR20            | 2.13/54.1          | 8.69/220.7  | 21.40/9.70            |
| CG-112125                                  | CG90-112125 | CG-SR21            | 2.13/54.1          | 9.31/236.5  | 21.40/9.70            |
| CG-125125                                  | CG90-125125 | CG-SR22            | 2.13/54.1          | 11.56/293.6 | 21.40/9.70            |
| CG-137125                                  | CG90-137125 | CG-SR23            | 2.13/54.1          | 10.81/274.6 | 21.40/9.70            |



FITTINGS: CABLE AND CORD FITTINGS

Fittings

# Wire Mesh Strain Relief for Steel Cord Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

| Steel Cord Connectors                      |              |                | Dimensions (in/mm) |             | Wt. Lbs./Kgs.<br>Per 100 |
|--|--------------|----------------|--------------------|-------------|--------------------------|
| CG-Straight                                | CG-90°       | Catalog Number | A                  | B           |                          |
| <b>For Connectors with 3/8 Inch Hubs</b>   |              |                |                    |             |                          |
| CG-1238S                                   | CG90-1238S   | CG-SR1S        | 0.94/23.9          | 3.63/92.2   | 5.40/2.40                |
| CG-1838S                                   | CG90-1838S   | CG-SR2S        | 0.94/23.9          | 4.38/111.3  | 5.40/2.40                |
| CG-3138S                                   | CG90-3138S   | CG-SR3S        | 0.94/23.9          | 5.5/139.7   | 5.40/2.40                |
| <b>For Connectors with 1/2 Inch Hubs</b>   |              |                |                    |             |                          |
| CG-1250S                                   | —            | CG-SR1S        | 0.94/23.9          | 3.63/92.2   | 11.70/5.30               |
| —  | CG90-1250S   | CG-SR4S        | 1.25/31.8          | 4.38/111.3  | 11.70/5.30               |
| CG-1850S                                   | —            | CG-SR2S        | 0.94/23.9          | 4.38/111.3  | 11.70/5.30               |
| —  | CG90-2550S   | CG-SR5S        | 1.25/31.8          | 5.5/139.7   | 11.70/5.30               |
| CG-3150S                                   | —            | CG-SR3S        | 0.94/23.9          | 5.5/139.7   | 11.70/5.30               |
| CG-3750S                                   | CG90-3750S   | CG-SR6S        | 1.25/31.8          | 6.13/155.7  | 11.70/5.30               |
| CG-5050S                                   | CG90-5050S   | CG-SR7S        | 1.25/31.8          | 6.88/174.8  | 11.70/5.30               |
| CG-6250S                                   | CG90-6250S   | CG-SR8S        | 1.25/31.8          | 9.38/238.3  | 11.70/5.30               |
| <b>For Connectors with 3/4 Inch Hubs</b>   |              |                |                    |             |                          |
| CG-1275S                                   | —            | CG-SR4S        | 1.25/31.8          | 4.38/111.3  | 16.10/7.30               |
| CG-2575S                                   | —            | CG-SR5S        | 1.25/31.8          | 5.5/139.7   | 16.10/7.30               |
| —  | CG90-2575S   | CG-SR9S        | 1.38/35.1          | 4.13/104.9  | 16.10/7.30               |
| CG-3775S                                   | —            | CG-SR6S        | 1.25/31.8          | 6.13/155.7  | 16.10/7.30               |
| —  | CG90-3775S   | CG-SR10S       | 1.38/35.1          | 5.5/139.7   | 16.10/7.30               |
| CG-5075S                                   | —            | CG-SR7S        | 1.25/31.8          | 6.88/174.8  | 16.10/7.30               |
| —  | CG90-5075S   | CG-SR11S       | 1.38/35.1          | 6.38/162.1  | 16.10/7.30               |
| CG-6275S                                   | CG90-6275S   | CG-SR12S       | 1.38/35.1          | 8.38/212.9  | 16.10/7.30               |
| CG-7575S                                   | CG90-7575S   | CG-SR13S       | 1.38/35.1          | 9.13/231.9  | 16.10/7.30               |
| <b>For Connectors with 1 Inch Hubs</b>     |              |                |                    |             |                          |
| CG-37100S                                  | —            | CG-SR10S       | 1.38/35.1          | 5.5/139.7   | 18.70/8.50               |
| CG-50100S                                  | —            | CG-SR11S       | 1.38/35.1          | 6.38/162.1  | 18.70/8.50               |
| CG-62100S                                  | —            | CG-SR12S       | 1.38/35.1          | 8.38/212.9  | 18.70/8.50               |
| —  | CG90-62100S  | CG-SR14S       | 1.75/44.5          | 9.06/230.1  | 18.70/8.50               |
| CG-75100S                                  | CG90-75100S  | CG-SR15S       | 1.75/44.5          | 9.06/230.1  | 18.70/8.50               |
| CG-87100S                                  | CG90-87100S  | CG-SR16S       | 1.75/44.5          | 7.94/201.7  | 18.70/8.50               |
| CG-100100S                                 | CG90-100100S | CG-SR17S       | 1.75/44.5          | 7.94/201.7  | 18.70/8.50               |
| <b>For Connectors with 1-1/4 Inch Hubs</b> |              |                |                    |             |                          |
| CG-75125S                                  | —            | CG-SR15S       | 1.75/44.5          | 9.06/230.1  | 21.40/9.70               |
| —  | CG90-75125S  | CG-SR18S       | 2.13/54.1          | 8.94/227.1  | 21.40/9.70               |
| CG-87125S                                  | —            | CG-SR16S       | 1.75/44.5          | 7.94/201.7  | 21.40/9.70               |
| —  | CG90-87125S  | CG-SR19S       | 2.13/54.1          | 7.94/201.7  | 21.40/9.70               |
| CG-100125S                                 | CG90-100125S | CG-SR20S       | 2.13/54.1          | 8.69/220.7  | 21.40/9.70               |
| CG-112125S                                 | CG90-112125S | CG-SR21S       | 2.13/54.1          | 9.31/236.5  | 21.40/9.70               |
| CG-125125S                                 | CG90-125125S | CG-SR22S       | 2.13/54.1          | 11.56/293.6 | 21.40/9.70               |
| CG-137125S                                 | CG90-137125S | CG-SR23S       | 2.13/54.1          | 10.81/274.6 | 21.40/9.70               |



FITTINGS: CABLE AND CORD FITTINGS

Fittings

# Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

## Application

- Provide a liquidtight and strain relief termination for flexible type neoprene, hypalon, and PVC jacketed power or control cord and cable.
- For use in wet or dry locations sealing electrical connections against dust and dirt, oil, water or other atmosphere containing moisture.

## Features

- Available in straight or 90°, aluminum or steel construction to meet the requirements of rugged service on all types of equipment and in all non-hazardous areas.
- Color coded identification label clearly states the catalog number and minimum-maximum cable diameter range for which the connector is designed.
- Neoprene sealing grommet firmly but safely grips cable jacket providing strain relief while protecting internal wiring connections against external tension on cable or cord.
- Steel or Teflon\* washer reduces friction between grommet and connector cap providing even pressure distribution, eliminating leakage resulting from grommet distortion.
- Large aluminum connectors 1-1/2" thru 4" and all steel connectors are constructed with hex head cap.
- For particularly harsh applications, wire mesh strain reliefs may be used with cord and cable connectors.
- CG Series in aluminum construction is available in straight type from 1/4" thru 4", 90° type from 3/8" thru 1-1/4".
- CG Series in steel construction is available in straight type from 1/4" thru 2" and 90° type from 3/8" thru 1-1/4".

## Standard Materials

- Aluminum connectors
  - Straight body: aluminum
  - 90° body: cast aluminum
  - Cap: copperfree (4/10 of 1% or less) aluminum
  - Sealing grommet: neoprene
  - Washer: steel or Teflon\*
  - Wire mesh strain relief: stainless steel
  - Cap on wire mesh: copperfree (4/10 of 1% or less) aluminum
- Steel connectors
  - Straight body: machined steel
  - 90° body: malleable iron
  - Cap: machined steel
  - Sealing grommet: neoprene
  - Washer: steel or Teflon \*
  - Wire mesh strain relief: stainless steel
  - Cap on wire mesh: steel, zinc plate

## Certifications and Compliances

- UL Standard: 514B
- UL Listed: E14817
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178

## Related Products

- Locknuts are available, refer to *Commercial Fittings*

## Options

- PVC coating available on select connectors. Add suffix **-PVC** to catalog number.

### Aluminum



Straight



90°

### Steel



Straight



90°



Wire Mesh Strain Relief for Cord Connectors



Color coded label

\* Teflon is a registered trademark of E.I. DuPont de Nemours and Co.

# Straight Liqudtight Strain Relief Cord and Cable Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

|   | Catalog Number           |              | Cable Range<br>(Inches) | Color Coded<br>Label | Dimensions (in/mm) |               | Wt. Lbs./Kgs. Per 100 |              |
|---|--------------------------|--------------|-------------------------|----------------------|--------------------|---------------|-----------------------|--------------|
|   | Aluminum                 | Steel        |                         |                      | A                  | B             | Aluminum              | Steel        |
|  <p>Aluminum</p> | <b>1/4 Inch Hubs</b>     |              |                         |                      |                    |               |                       |              |
|   | CG-0625 ②                | CG-0625S ②   | 0.060—0.156             | Purple/Pink          | 0.88/22.4          | 0.75/19.1     | —                     | —            |
|   | CG-1525 ②                | CG-1525S ②   | 0.156—0.250             | Orange/Gray          | 0.88/22.4          | 0.75/19.1     | 3.70/1.68             | 9.00/4.08    |
|   | <b>3/8 Inch Hubs</b>     |              |                         |                      |                    |               |                       |              |
|   | CG-1238                  | CG-1238S     | 0.125—0.187             | Red                  | 0.81/20.6          | 0.94/23.9     | 5.60/2.54             | 14.80/6.71   |
|   | CG-1838                  | CG-1838S     | 0.187—0.312             | Brown                | 0.81/20.6          | 0.94/23.9     | 5.00/2.27             | 13.20/5.99   |
|   | CG-3138                  | CG-3138S     | 0.312—0.437             | Yellow               | 0.81/20.6          | 0.94/23.9     | 5.60/2.54             | 14.80/6.71   |
|   | <b>1/2 Inch Hubs ④</b>   |              |                         |                      |                    |               |                       |              |
|   | CG-1250                  | CG-1250S     | 0.125—0.187             | Red                  | 0.81/20.6          | 0.94/23.9     | 6.00/2.72             | 15.60/7.08   |
|   | CG-1850                  | CG-1850S     | 0.187—0.312             | Brown                | 0.81/20.6          | 0.94/23.9     | 6.00/2.72             | 15.60/7.08   |
| CG-3150   | CG-3150S                 | 0.312—0.437  | Yellow                  | 0.81/20.6            | 0.94/23.9          | 6.00/2.72     | 15.60/7.08            |              |
| CG-3750   | CG-3750S                 | 0.375—0.500  | Purple                  | 0.81/20.6            | 1.25/31.8          | 8.00/3.63     | 20.80/9.43            |              |
| CG-5050   | CG-5050S                 | 0.500—0.625  | Pink                    | 0.81/20.6            | 1.25/31.8          | 8.00/3.63     | 20.80/9.43            |              |
| CG6250 ①  | CG-6250S ①               | 0.625—0.750  | Orange                  | 0.81/20.6            | 1.25/31.8          | 8.00/3.63     | 20.80/9.43            |              |
|  <p>Steel</p>   | <b>3/4 Inch Hubs ④</b>   |              |                         |                      |                    |               |                       |              |
|   | CG-1275                  | CG-1275S     | 0.125—0.250             | Blue                 | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | CG-2575                  | CG-2575S     | 0.250—0.375             | Green                | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | CG-3775                  | CG-3775S     | 0.375—0.500             | Purple               | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | CG-5075                  | CG-5075S     | 0.500—0.625             | Pink                 | 0.88/22.4          | 1.25/31.8     | 10.00/4.54            | 26.00/11.79  |
|   | CG-6275                  | CG-6275S     | 0.625—0.750             | Orange               | 0.88/22.4          | 1.38/35.1     | 10.00/4.54            | 26.00/11.79  |
|   | CG-7575 ①                | CG-7575S ①   | 0.750—0.875             | Gray                 | 0.88/22.4          | 1.38/35.1     | 10.00/4.54            | 26.00/11.79  |
|   | <b>1 Inch Hubs ④</b>     |              |                         |                      |                    |               |                       |              |
|   | CG-37100                 | CG-37100S    | 0.375—0.500             | Purple               | 0.94/23.9          | 1.38/35.1     | 15.00/6.80            | 39.00/17.69  |
|   | CG-50100                 | CG-50100S    | 0.500—0.625             | Pink                 | 0.94/23.9          | 1.38/35.1     | 15.00/6.80            | 39.00/17.69  |
| CG-62100  | CG-62100S                | 0.625—0.750  | Orange                  | 0.94/23.9            | 1.38/35.1          | 15.00/6.80    | 39.00/17.69           |              |
| CG-75100  | CG-75100S                | 0.750—0.875  | Gray                    | 0.94/23.9            | 1.75/44.5          | 15.00/6.80    | 39.00/17.69           |              |
| CG-87100  | CG-87100S                | 0.875—1.000  | Red                     | 0.94/23.9            | 1.75/44.5          | 15.00/6.80    | 39.00/17.69           |              |
| CG-100100 ①   | CG-100100S ①             | 1.000—1.125  | Blue                    | 0.94/23.9            | 1.75/44.5          | 15.00/6.80    | 39.00/17.69           |              |
|  <p>Steel</p>  | <b>1-1/4 Inch Hubs ④</b> |              |                         |                      |                    |               |                       |              |
|   | CG-75125                 | CG-75125S    | 0.750—0.875             | Gray                 | 1.06/26.9          | 1.75/44.5     | 23.00/10.43           | 60.00/27.22  |
|   | CG-87125                 | CG-87125S    | 0.875—1.000             | Red                  | 1.06/26.9          | 1.75/44.5     | 25.00/11.34           | 65.00/29.48  |
|   | CG-100125                | CG-100125S   | 1.000—1.125             | Blue                 | 1.06/26.9          | 2.13/54.1     | 25.00/11.34           | 65.00/29.48  |
|   | CG-112125                | CG-112125S   | 1.125—1.250             | Brown                | 1.06/26.9          | 2.13/54.1     | 25.00/11.34           | 65.00/29.48  |
|   | CG-125125 ①              | CG-125125S ① | 1.250—1.375             | Green                | 1.06/26.9          | 2.13/54.1     | 22.00/9.98            | 57.00/25.85  |
|   | CG-137125 ①              | CG-137125S ① | 1.375—1.500             | Yellow               | 1.06/26.9          | 2.13/54.1     | 20.00/9.07            | 52.00/23.59  |
|   | <b>1-1/2 Inch Hubs</b>   |              |                         |                      |                    |               |                       |              |
|   | CG-115150                | CG-115150S   | 1.156—1.312             | —                    | 1.94/49.3          | 2.19/55.6     | 31.10/14.11           | 92.00/41.73  |
|   | CG-128150 ③              | CG-128150S   | 1.281—1.531             | —                    | 2.63/66.8          | 2.56/65.0     | 61.20/27.76           | 160.00/72.57 |
| <b>2 Inch Hubs</b>  |                          |              |                         |                      |                    |               |                       |              |
| CG-153200 ②   | CG-153200S               | 1.531—1.780  | —                       | 2.44/62.0            | 3.00/76.2          | 95.00/43.09   | 230.00/104.33         |              |
| CG-165200 ③   | —                        | 1.650—2.000  | —                       | 2.44/62.0            | 3.19/81.0          | 100.00/45.36  | —                     |              |
| <b>2-1/2 Inch Hubs</b>  |                          |              |                         |                      |                    |               |                       |              |
| CG-200250 ③   | —                        | 2.000—2.343  | —                       | 3.06/77.7            | 3.44/87.4          | 141.30/64.09  | —                     |              |
| CG-225250 ③   | —                        | 2.250—2.500  | —                       | 3.06/77.7            | 3.69/93.7          | 141.90/64.36  | —                     |              |
| <b>3 Inch Hubs</b>  |                          |              |                         |                      |                    |               |                       |              |
| CG-250300 ③   | —                        | 2.500—2.843  | —                       | 3.06/77.7            | 4.06/103.1         | 196.30/89.04  | —                     |              |
| CG-268300 ③   | —                        | 2.687—3.062  | —                       | 3.25/82.6            | 4.50/114.3         | 256.30/116.26 | —                     |              |
| <b>3-1/2 Inch Hubs ②</b>  |                          |              |                         |                      |                    |               |                       |              |
| CG-300350   | —                        | 3.000—3.390  | —                       | 3.25/82.6            | 4.75/120.7         | 212.50/96.39  | —                     |              |
| CG-328350   | —                        | 3.281—3.515  | —                       | 3.25/82.6            | 5.00/127.0         | 225.00/102.06 | —                     |              |
| <b>4 Inch Hubs ②</b>  |                          |              |                         |                      |                    |               |                       |              |
| CG-350400   | —                        | 3.500—3.843  | —                       | 3.25/82.6            | 5.25/133.4         | 275.00/124.74 | —                     |              |
| CG-375400   | —                        | 3.750—4.000  | —                       | 3.25/82.6            | 5.50/139.7         | 293.80/133.27 | —                     |              |

- ① Remove sufficient outer covering of cord or cable to pass conductors through connector body.
- ② Not UL Listed.
- ③ Not CSA Certified.
- ④ PVC coating available on select connectors. Add suffix **-PVC** to catalog number.



Color coded label



# 90° Liquidtight Strain Relief Cord and Cable Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

|  | Catalog Number        |                       | Cable Range<br>(Inches) | Color Coded<br>Label | Dimension (in/mm) |             | Wt. Lbs./Kgs. Per 100 |              |
|--|-----------------------|-----------------------|-------------------------|----------------------|-------------------|-------------|-----------------------|--------------|
|  | Aluminum              | Steel                 |                         |                      | A                 | B           | Aluminum              | Steel        |
| <b>3/8 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|    | <b>CG90-1238</b>      | <b>CG90-1238S</b>     | 0.125—0.187             | Red                  | 1.63/41.4         | 0.94/23.9   | 13.00/5.90            | 34.00/15.42  |
|  | <b>CG90-1838</b>      | <b>CG90-1838S</b>     | 0.187—0.312             | Brown                | 1.63/41.4         | 0.94/23.9   | 7.00/3.18             | 18.40/8.35   |
|  | <b>CG90-3138 *</b>    | <b>CG90-3138S *</b>   | 0.312—0.437             | Yellow               | 1.63/41.4         | 0.94/23.9   | 7.00/3.18             | 18.40/8.35   |
| <b>1/2 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|    | <b>CG90-1250</b>      | <b>CG90-1250S</b>     | 0.125—0.250             | Blue                 | 1.63/41.4         | 1.25/31.8   | 13.00/5.90            | 34.00/15.42  |
|  | <b>CG90-2550</b>      | <b>CG90-2550S</b>     | 0.250—0.375             | Green                | 1.63/41.4         | 1.25/31.8   | 13.00/5.90            | 34.00/15.42  |
|  | <b>CG90-3750</b>      | <b>CG90-3750S</b>     | 0.375—0.500             | Purple               | 1.63/41.4         | 1.25/31.8   | 12.00/5.44            | 31.20/14.15  |
|  | <b>CG90-5050 *</b>    | <b>CG90-5050S *</b>   | 0.500—0.625             | Pink                 | 1.5/38.1          | 1.25/31.8   | 10.00/4.54            | 26.00/11.79  |
|  | <b>CG90-6250 *</b>    | <b>CG90-6250S *</b>   | 0.625—0.750             | Orange               | 1.5/38.1          | 1.25/31.8   | 12.00/5.44            | 31.20/14.15  |
| <b>3/4 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|  | <b>CG90-2575</b>      | <b>CG90-2575S</b>     | 0.250—0.375             | Green                | 1.75/44.5         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-3775</b>      | <b>CG90-3775S</b>     | 0.375—0.500             | Purple               | 1.75/44.5         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-5075</b>      | <b>CG90-5075S</b>     | 0.500—0.625             | Pink                 | 1.75/44.5         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-6275 *</b>    | <b>CG90-6275S *</b>   | 0.625—0.750             | Orange               | 1.63/41.4         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
|  | <b>CG90-7575 *</b>    | <b>CG90-7575S *</b>   | 0.750—0.875             | Gray                 | 1.63/41.4         | 1.38/35.1   | 16.00/7.26            | 41.60/18.87  |
| <b>1 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|  | <b>CG90-62100</b>     | <b>CG90-62100S</b>    | 0.625—0.750             | Orange               | 2.19/55.6         | 1.75/44.5   | 26.00/11.79           | 67.60/30.66  |
|  | <b>CG90-75100</b>     | <b>CG90-75100S</b>    | 0.750—0.875             | Gray                 | 2.19/55.6         | 1.75/44.5   | 40.00/18.14           | 104.00/47.17 |
|  | <b>CG90-87100 *</b>   | <b>CG90-87100S *</b>  | 0.875—1.000             | Red                  | 2.19/55.6         | 1.75/44.5   | 25.00/11.34           | 65.00/29.48  |
|  | <b>CG90-100100 *</b>  | <b>CG90-100100S *</b> | 1.000—1.125             | Blue                 | 2.19/55.6         | 1.75/44.5   | 26.00/11.79           | 67.60/30.66  |
| <b>1-1/4 Inch Hubs</b>   |                       |                       |                         |                      |                   |             |                       |              |
|  | <b>CG90-75125</b>     | <b>CG90-75125S</b>    | 0.750—0.875             | Gray                 | 2.56/65.0         | 2.13/54.1   | 40.00/18.14           | 104.00/47.17 |
|  | <b>CG90-87125</b>     | <b>CG90-87125S</b>    | 0.875—1.000             | Red                  | 2.56/65.0         | 2.13/54.1   | 41.00/18.60           | 106.60/48.35 |
|  | <b>CG90-100125</b>    | <b>CG90-100125S</b>   | 1.000—1.125             | Blue                 | 2.56/65.0         | 2.13/54.1   | 39.00/17.69           | 101.40/45.99 |
|  | <b>CG90-112125 *</b>  | <b>CG90-112125S *</b> | 1.125—1.250             | Brown                | 2.44/62.0         | 2.13/54.1   | 38.00/17.24           | 98.80/44.81  |
|  | <b>CG90-125125 *</b>  | <b>CG90-125125S *</b> | 1.250—1.375             | Green                | 2.44/62.0         | 2.13/54.1   | 60.00/27.22           | 156.00/70.76 |
| <b>CG90-137125 *</b>   | <b>CG90-137125S *</b> | 1.375—1.500           | Yellow                  | 2.44/62.0            | 2.13/54.1         | 35.00/15.88 | 91.00/41.28           |              |



Color coded label

FITTINGS: CABLE AND CORD FITTINGS

Fittings

\* Remove sufficient outer covering of cord or cable to pass conductors through connector body.

# Replacement Glands for Aluminum and Steel CG and CG90 Connectors

Suitable for use in:  
Class I, Division 2  
Class II, Division 1 and 2  
Class III  
NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

| Catalog Number                             | For Use With Straight Connectors | For Use With 90° Connectors | Cable Range (Inches) | Wt. Lbs./Kgs. Per 100 |
|--|----------------------------------|-----------------------------|----------------------|-----------------------|
| <b>For Connectors with 3/8 Inch Hubs</b>   |                                  |                             |                      |                       |
| CGG-221                                    | CG-1238                          | CG90-1238                   | 0.125—0.187          | 2.50/1.13             |
| CGG-222                                    | CG-1838                          | CG90-1838                   | 0.187—0.312          | 1.90/0.86             |
| CGG-223                                    | CG-3138                          | CG90-3138                   | 0.312—0.437          | 1.30/0.59             |
| <b>For Connectors with 1/2 Inch Hubs</b>   |                                  |                             |                      |                       |
| CGG-221                                    | CG-1250                          | —                           | 0.125—0.187          | 2.50/1.13             |
| CGG-271                                    | —                                | CG90-1250                   | 0.125—0.250          | 1.90/0.86             |
| CGG-222                                    | CG-1850                          | —                           | 0.187—0.312          | 1.90/0.86             |
| CGG-272                                    | —                                | CG90-2550                   | 0.250—0.375          | 1.30/0.59             |
| CGG-223                                    | CG-3150                          | —                           | 0.312—0.437          | 1.30/0.59             |
| CGG-273                                    | CG-3750                          | CG90-3750                   | 0.375—0.500          | 1.90/0.86             |
| CGG-274                                    | CG-5050                          | CG90-5050                   | 0.500—0.625          | 1.30/0.59             |
| CGG-275                                    | CG-6250                          | CG90-6250                   | 0.625—0.750          | 1.00/0.45             |
| <b>For Connectors with 3/4 Inch Hubs</b>   |                                  |                             |                      |                       |
| CGG-271                                    | CG-1275                          | —                           | 0.125—0.250          | 1.90/0.86             |
| CGG-272                                    | CG-2575                          | —                           | 0.250—0.375          | 1.30/0.59             |
| CGG-325                                    | —                                | CG90-2575                   | 0.250—0.375          | 1.30/0.59             |
| CGG-273                                    | CG-3775                          | —                           | 0.375—0.500          | 1.90/0.86             |
| CGG-321                                    | —                                | CG90-3775                   | 0.375—0.500          | 1.90/0.86             |
| CGG-274                                    | CG-5075                          | —                           | 0.500—0.625          | 1.30/0.59             |
| CGG-322                                    | —                                | CG90-5075                   | 0.500—0.625          | 1.30/0.59             |
| CGG-323                                    | CG-6275                          | CG90-6275                   | 0.625—0.750          | 1.00/0.45             |
| CGG-324                                    | CG-7575                          | CG90-7575                   | 0.750—0.875          | 1.00/0.45             |
| <b>For Connectors with 1 Inch Hubs</b>     |                                  |                             |                      |                       |
| CGG-321                                    | CG-37100                         | —                           | 0.375—0.500          | 1.90/0.86             |
| CGG-322                                    | CG-50100                         | —                           | 0.500—0.625          | 1.30/0.59             |
| CGG-323                                    | CG-62100                         | —                           | 0.625—0.750          | 1.00/0.45             |
| CGG-374                                    | —                                | CG90-62100                  | 0.625—0.750          | 1.00/0.45             |
| CGG-371                                    | CG-75100                         | CG90-75100                  | 0.750—0.875          | 2.90/1.32             |
| CGG-372                                    | CG-87100                         | CG90-87100                  | 0.875—1.000          | 2.50/1.13             |
| CGG-373                                    | CG-100100                        | CG90-100100                 | 1.000—1.125          | 2.20/1.00             |
| <b>For Connectors with 1-1/4 Inch Hubs</b> |                                  |                             |                      |                       |
| CGG-371                                    | CG-75125                         | —                           | 0.750—0.875          | 2.90/1.32             |
| CGG-425                                    | —                                | CG90-75125                  | 0.750—0.875          | 2.90/1.32             |
| CGG-372                                    | CG-87125                         | —                           | 0.875—1.000          | 2.50/1.13             |
| CGG-426                                    | —                                | CG90-87125                  | 0.875—1.000          | 2.50/1.13             |
| CGG-421                                    | CG-100125                        | CG90-100125                 | 1.000—1.125          | 2.20/1.00             |
| CGG-422                                    | CG-112125                        | CG90-112125                 | 1.125—1.250          | 1.90/0.86             |
| CGG-423                                    | CG-125125                        | CG90-125125                 | 1.250—1.375          | 1.60/0.73             |
| CGG-424                                    | CG-137125                        | CG90-137125                 | 1.375—1.500          | 1.30/0.59             |



FITTINGS: CABLE AND CORD FITTINGS

Fittings

For Steel Backed Neoprene Sealing Gaskets and Steel Gasketed Sealing Locknuts, see Commercial Fittings.

# Wire Mesh Strain Relief for Aluminum Cord Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

| For Aluminum Cord Connectors               |             | Use Catalog Number | Dimensions (in/mm) |             | Wt. Lbs./Kgs. Per 100 |
|--|-------------|--------------------|--------------------|-------------|-----------------------|
| CG—Straight                                | CG—90°      |                    | A                  | B           |                       |
| <b>For Connectors with 3/8 Inch Hubs</b>   |             |                    |                    |             |                       |
| CG-1238                                    | CG90-1238   | CG-SR1             | 0.94/23.9          | 3.63/92.2   | 5.40/2.40             |
| CG-1838                                    | CG90-1838   | CG-SR2             | 0.94/23.9          | 4.38/111.3  | 5.40/2.40             |
| CG-3138                                    | CG90-3138   | CG-SR3             | 0.94/23.9          | 5.5/139.7   | 5.40/2.40             |
| <b>For Connectors with 1/2 Inch Hubs</b>   |             |                    |                    |             |                       |
| CG-1250                                    | —           | CG-SR1             | 0.94/23.9          | 3.63/92.2   | 11.70/5.30            |
| —  | CG90-1250   | CG-SR4             | 1.25/31.8          | 4.38/111.3  | 11.70/5.30            |
| CG-1850                                    | —           | CG-SR2             | 0.94/23.9          | 4.38/111.3  | 11.70/5.30            |
| —  | CG90-2550   | CG-SR5             | 1.25/31.8          | 5.5/139.7   | 11.70/5.30            |
| CG-3150                                    | —           | CG-SR3             | 0.94/23.9          | 5.5/139.7   | 11.70/5.30            |
| CG-3750                                    | CG90-3750   | CG-SR6             | 1.25/31.8          | 6.13/155.7  | 11.70/5.30            |
| CG-5050                                    | CG90-5050   | CG-SR7             | 1.25/31.8          | 6.88/174.8  | 11.70/5.30            |
| CG-6250                                    | CG90-6250   | CG-SR8             | 1.25/31.8          | 9.38/238.3  | 11.70/5.30            |
| <b>For Connectors with 3/4 Inch Hubs</b>   |             |                    |                    |             |                       |
| CG-1275                                    | —           | CG-SR4             | 1.25/31.8          | 4.38/111.3  | 16.10/7.30            |
| CG-2575                                    | —           | CG-SR5             | 1.25/31.8          | 5.5/139.7   | 16.10/7.30            |
| —  | CG90-2575   | CG-SR9             | 1.38/35.1          | 4.13/104.9  | 16.10/7.30            |
| CG-3775                                    | —           | CG-SR6             | 1.25/31.8          | 6.13/155.7  | 16.10/7.30            |
| —  | CG90-3775   | CG-SR10            | 1.38/35.1          | 5.5/139.7   | 16.10/7.30            |
| CG-5075                                    | —           | CG-SR7             | 1.25/31.8          | 6.88/174.8  | 16.10/7.30            |
| —  | CG90-5075   | CG-SR11            | 1.38/35.1          | 6.38/162.1  | 16.10/7.30            |
| CG-6275                                    | CG90-6275   | CG-SR12            | 1.38/35.1          | 8.38/212.9  | 16.10/7.30            |
| CG-7575                                    | CG90-7575   | CG-SR13            | 1.38/35.1          | 9.13/231.9  | 16.10/7.30            |
| <b>For Connectors with 1 Inch Hubs</b>     |             |                    |                    |             |                       |
| CG-37100                                   | —           | CG-SR10            | 1.38/35.1          | 5.5/139.7   | 18.70/8.50            |
| CG-50100                                   | —           | CG-SR11            | 1.38/35.1          | 6.38/162.1  | 18.70/8.50            |
| CG-62100                                   | —           | CG-SR12            | 1.38/35.1          | 8.38/212.9  | 18.70/8.50            |
| —  | CG90-62100  | CG-SR14            | 1.75/44.5          | 9.06/230.1  | 18.70/8.50            |
| CG-75100                                   | CG90-75100  | CG-SR15            | 1.75/44.5          | 9.06/230.1  | 18.70/8.50            |
| CG-87100                                   | CG90-87100  | CG-SR16            | 1.75/44.5          | 7.94/201.7  | 18.70/8.50            |
| CG-100100                                  | CG90-100100 | CG-SR17            | 1.75/44.5          | 7.94/201.7  | 18.70/8.50            |
| <b>For Connectors with 1-1/4 Inch Hubs</b> |             |                    |                    |             |                       |
| CG-75125                                   | —           | CG-SR15            | 1.75/44.5          | 9.06/230.1  | 21.40/9.70            |
| —  | CG90-75125  | CG-SR18            | 2.13/54.1          | 8.94/227.1  | 21.40/9.70            |
| CG-87125                                   | —           | CG-SR16            | 1.75/44.5          | 7.94/201.7  | 21.40/9.70            |
| —  | CG90-87125  | CG-SR19            | 2.13/54.1          | 7.94/201.7  | 21.40/9.70            |
| CG-100125                                  | CG90-100125 | CG-SR20            | 2.13/54.1          | 8.69/220.7  | 21.40/9.70            |
| CG-112125                                  | CG90-112125 | CG-SR21            | 2.13/54.1          | 9.31/236.5  | 21.40/9.70            |
| CG-125125                                  | CG90-125125 | CG-SR22            | 2.13/54.1          | 11.56/293.6 | 21.40/9.70            |
| CG-137125                                  | CG90-137125 | CG-SR23            | 2.13/54.1          | 10.81/274.6 | 21.40/9.70            |



FITTINGS: CABLE AND CORD FITTINGS

Fittings

# Wire Mesh Strain Relief for Steel Cord Connectors

Suitable for use in:  
 Class I, Division 2  
 Class II, Division 1 and 2  
 Class III  
 NEMA 3R

Not to be used with stainless steel and nickel plated aluminum CG connectors

| Steel Cord Connectors                      |              |                | Dimensions (in/mm) |             | Wt. Lbs./Kgs.<br>Per 100 |
|--|--------------|----------------|--------------------|-------------|--------------------------|
| CG-Straight                                | CG-90°       | Catalog Number | A                  | B           |                          |
| <b>For Connectors with 3/8 Inch Hubs</b>   |              |                |                    |             |                          |
| CG-1238S                                   | CG90-1238S   | CG-SR1S        | 0.94/23.9          | 3.63/92.2   | 5.40/2.40                |
| CG-1838S                                   | CG90-1838S   | CG-SR2S        | 0.94/23.9          | 4.38/111.3  | 5.40/2.40                |
| CG-3138S                                   | CG90-3138S   | CG-SR3S        | 0.94/23.9          | 5.5/139.7   | 5.40/2.40                |
| <b>For Connectors with 1/2 Inch Hubs</b>   |              |                |                    |             |                          |
| CG-1250S                                   | —            | CG-SR1S        | 0.94/23.9          | 3.63/92.2   | 11.70/5.30               |
| —  | CG90-1250S   | CG-SR4S        | 1.25/31.8          | 4.38/111.3  | 11.70/5.30               |
| CG-1850S                                   | —            | CG-SR2S        | 0.94/23.9          | 4.38/111.3  | 11.70/5.30               |
| —  | CG90-2550S   | CG-SR5S        | 1.25/31.8          | 5.5/139.7   | 11.70/5.30               |
| CG-3150S                                   | —            | CG-SR3S        | 0.94/23.9          | 5.5/139.7   | 11.70/5.30               |
| CG-3750S                                   | CG90-3750S   | CG-SR6S        | 1.25/31.8          | 6.13/155.7  | 11.70/5.30               |
| CG-5050S                                   | CG90-5050S   | CG-SR7S        | 1.25/31.8          | 6.88/174.8  | 11.70/5.30               |
| CG-6250S                                   | CG90-6250S   | CG-SR8S        | 1.25/31.8          | 9.38/238.3  | 11.70/5.30               |
| <b>For Connectors with 3/4 Inch Hubs</b>   |              |                |                    |             |                          |
| CG-1275S                                   | —            | CG-SR4S        | 1.25/31.8          | 4.38/111.3  | 16.10/7.30               |
| CG-2575S                                   | —            | CG-SR5S        | 1.25/31.8          | 5.5/139.7   | 16.10/7.30               |
| —  | CG90-2575S   | CG-SR9S        | 1.38/35.1          | 4.13/104.9  | 16.10/7.30               |
| CG-3775S                                   | —            | CG-SR6S        | 1.25/31.8          | 6.13/155.7  | 16.10/7.30               |
| —  | CG90-3775S   | CG-SR10S       | 1.38/35.1          | 5.5/139.7   | 16.10/7.30               |
| CG-5075S                                   | —            | CG-SR7S        | 1.25/31.8          | 6.88/174.8  | 16.10/7.30               |
| —  | CG90-5075S   | CG-SR11S       | 1.38/35.1          | 6.38/162.1  | 16.10/7.30               |
| CG-6275S                                   | CG90-6275S   | CG-SR12S       | 1.38/35.1          | 8.38/212.9  | 16.10/7.30               |
| CG-7575S                                   | CG90-7575S   | CG-SR13S       | 1.38/35.1          | 9.13/231.9  | 16.10/7.30               |
| <b>For Connectors with 1 Inch Hubs</b>     |              |                |                    |             |                          |
| CG-37100S                                  | —            | CG-SR10S       | 1.38/35.1          | 5.5/139.7   | 18.70/8.50               |
| CG-50100S                                  | —            | CG-SR11S       | 1.38/35.1          | 6.38/162.1  | 18.70/8.50               |
| CG-62100S                                  | —            | CG-SR12S       | 1.38/35.1          | 8.38/212.9  | 18.70/8.50               |
| —  | CG90-62100S  | CG-SR14S       | 1.75/44.5          | 9.06/230.1  | 18.70/8.50               |
| CG-75100S                                  | CG90-75100S  | CG-SR15S       | 1.75/44.5          | 9.06/230.1  | 18.70/8.50               |
| CG-87100S                                  | CG90-87100S  | CG-SR16S       | 1.75/44.5          | 7.94/201.7  | 18.70/8.50               |
| CG-100100S                                 | CG90-100100S | CG-SR17S       | 1.75/44.5          | 7.94/201.7  | 18.70/8.50               |
| <b>For Connectors with 1-1/4 Inch Hubs</b> |              |                |                    |             |                          |
| CG-75125S                                  | —            | CG-SR15S       | 1.75/44.5          | 9.06/230.1  | 21.40/9.70               |
| —  | CG90-75125S  | CG-SR18S       | 2.13/54.1          | 8.94/227.1  | 21.40/9.70               |
| CG-87125S                                  | —            | CG-SR16S       | 1.75/44.5          | 7.94/201.7  | 21.40/9.70               |
| —  | CG90-87125S  | CG-SR19S       | 2.13/54.1          | 7.94/201.7  | 21.40/9.70               |
| CG-100125S                                 | CG90-100125S | CG-SR20S       | 2.13/54.1          | 8.69/220.7  | 21.40/9.70               |
| CG-112125S                                 | CG90-112125S | CG-SR21S       | 2.13/54.1          | 9.31/236.5  | 21.40/9.70               |
| CG-125125S                                 | CG90-125125S | CG-SR22S       | 2.13/54.1          | 11.56/293.6 | 21.40/9.70               |
| CG-137125S                                 | CG90-137125S | CG-SR23S       | 2.13/54.1          | 10.81/274.6 | 21.40/9.70               |



FITTINGS: CABLE AND CORD FITTINGS

Fittings