

# Flexible Couplings



Type ECGJH



## Type ECGJH 2½" - 4" Trade Size Female end fittings with removable close nipples.

### Use:

Used in hazardous locations to isolate conduit systems from vibration and/or movement or to make difficult bends.

### Features:

- Suitable for ground path
- Max. Temperature rating: 300°F (149°C)
- Supplied with two removable close nipples threaded into female end fittings for male or female thread applications.
- For ECLK-style Flexible Coupling as shown on page BA16, add a UNF Conduit Union to one end fitting. See page BA3 for unions.

### Material:

Flexible coupling is constructed from stainless steel tubing and outer braid, with insulating liner. Stainless steel female end fittings are supplied with removable steel close nipples.

### Optional Sizes:

- Longer lengths available. Contact your local representative for pricing and availability.
- For 3½" Trade Size, a 4" Trade Size Flexible Coupling with RB-357 Reducing Bushings is recommended. Please see page BA39.

### Compliances:

Class I, Div. 1, 2, Group D  
Class I, Zone 1, 2, Group IIA  
Class II, Div. 1, 2, Groups E, F, G  
Class III

Suitable for wet locations

UL Listing and CSA Certification not applicable over 2" Trade Size.

### Suggested

#### Specification:

In Class I, Div.1 locations at motor hook-ups or other applications that require protection from vibration or stress, a UL Listed flexible coupling shall be used. Construction shall be bronze braid over brass corrugated core, with an asphalt impregnated jute liner. Hazardous location flexible couplings shall be O-Z/Gedney Type ECLK or Type ECGJH.

| Trade Size (inches) | Catalog Number | Flexible Length (inches) | Dimensions in Inches           |                               |                                |                     |
|---------------------|----------------|--------------------------|--------------------------------|-------------------------------|--------------------------------|---------------------|
|                     |                |                          | A                              | B                             | Max. Dia. C                    | Min. Bending Radius |
| 2½                  | ECGJH-250-12   | 12                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-15   | 15                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-18   | 18                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-21   | 21                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-24   | 24                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-27   | 27                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-30   | 30                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-33   | 33                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 2½                  | ECGJH-250-36   | 36                       | 4                              | 2 <sup>5</sup> / <sub>8</sub> | 4½                             | 15                  |
| 3                   | ECGJH-300-12   | 12                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-15   | 15                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-18   | 18                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-21   | 21                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-24   | 24                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-27   | 27                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-30   | 30                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-33   | 33                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 3                   | ECGJH-300-36   | 36                       | 4 <sup>1</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 5 <sup>1</sup> / <sub>32</sub> | 23                  |
| 4                   | ECGJH-400-12   | 12                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-15   | 15                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-18   | 18                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-21   | 21                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-24   | 24                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-27   | 27                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-30   | 30                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-33   | 33                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |
| 4                   | ECGJH-400-36   | 36                       | 4 <sup>3</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>8</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 48                  |