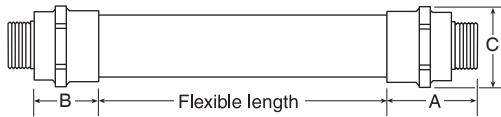


# Flexible Couplings



Type ECLK



## Type ECLK

1/2" - 2" Trade Size  
Male/Female Union

**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)

### Material:

Flexible coupling is constructed from brass tubing and bronze outer braid, with insulating liner.

### 1/2" - 1" Trade Size

Bronze end fittings with zinc plated steel UNF female union on one end and steel close nipple on the other.

### 1 1/2" - 2" Trade Size

Bronze end fittings with malleable iron UNF female union on one end and steel close nipple on other end.

### Optional Material:

Stainless Steel - add suffix "SS" to standard catalog number. Contact your local representative for pricing and availability.

### Optional Sizes:

Optional sizes and lengths are available. Contact your local representative for price and availability. See page BA15 for 2 1/2", 3" and 4" Trade Sizes.

### Third Party Certification:



UL Listed: E-34997

UL Listed for

1/2" and 3/4" Trade Size

Suitable for Wet Location

Class I, Div. 1, 2, Groups A, B, C, D

Class I, Zone 1, 2, Groups IIA, IIB, IIC

Class II, Div. 1, 2, Groups E, F, G

Class III

### 1" Trade Size

Suitable for Wet Location

Class I, Div. 1, 2, Groups C, D

Class I, Zone 1, 2, Groups IIA, IIB

Class II, Div. 1, 2, Groups E, F, G

Class III

### 1 1/2" - 2" Trade Size

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



CSA Certified:  
009795

### Applicable Third Party Standards:

UL Standards: 886  
CSA Standard: C22.2 No. 30  
NEC Articles 500-503 & 505

### 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 |        |         |         | Max. Dia. E | Min. Bending Radius |
|---------------------|----------------|--------------------------|----------------------|--------|---------|---------|-------------|---------------------|
|                     |                |                          | A                    | B      | C       | D       |             |                     |
| 1/2                 | ECLK-50-4      | 4                        | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-6      | 6                        | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-8      | 8                        | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-10     | 10                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-12     | 12                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-15     | 15                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-18     | 18                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-21     | 21                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-24     | 24                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-27     | 27                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-30     | 30                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-33     | 33                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 1/2                 | ECLK-50-36     | 36                       | 2 1/16               | 1 3/8  | 1 13/32 | 2 13/16 | 1 1/2       | 10                  |
| 3/4                 | ECLK-75-4      | 4                        | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-6      | 6                        | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-8      | 8                        | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-10     | 10                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-12     | 12                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-15     | 15                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-18     | 18                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-21     | 21                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-24     | 24                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-27     | 27                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-30     | 30                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-33     | 33                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 3/4                 | ECLK-75-36     | 36                       | 2 1/4                | 1 3/8  | 1 3/4   | 3 1/16  | 1 7/8       | 12                  |
| 1                   | ECLK-100-6     | 6                        | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-8     | 8                        | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-10    | 10                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-12    | 12                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-15    | 15                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-18    | 18                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-21    | 21                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-24    | 24                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-27    | 27                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-30    | 30                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-33    | 33                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1                   | ECLK-100-36    | 36                       | 1 11/16              | 1 3/4  | 2 1/16  | 3 3/32  | 2 1/16      | 14                  |
| 1 1/4               | ECLK-125-12    | 12                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-15    | 15                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-18    | 18                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-21    | 21                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-24    | 24                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-27    | 27                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-30    | 30                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-33    | 33                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/4               | ECLK-125-36    | 36                       | 3                    | 2 1/32 | 2 5/8   | 3 1/2   | 2 3/4       | 16                  |
| 1 1/2               | ECLK-150-12    | 12                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-15    | 15                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-18    | 18                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-21    | 21                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-24    | 24                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-27    | 27                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-30    | 30                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-33    | 33                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 1 1/2               | ECLK-150-36    | 36                       | 3 3/8                | 2 3/16 | 3 1/8   | 3 15/16 | 3 1/16      | 16                  |
| 2                   | ECLK-200-12    | 12                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-15    | 15                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-18    | 18                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-21    | 21                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-24    | 24                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-27    | 27                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-30    | 30                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-33    | 33                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |
| 2                   | ECLK-200-36    | 36                       | 3 15/16              | 2 7/16 | 3 7/8   | 3 7/8   | 3 3/4       | 18                  |