

# EXGJH and EXLK Flexible Couplings

## Explosionproof, Dust-Ignitionproof

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC.

NEC/CEC — 1/2" and 3/4" Sizes:  
Class I, Groups A, B, C, D  
Class II, Groups E, F, G  
Class III

NEC/CEC — 1" Size:  
Class I, Groups C, D  
Class II, Groups E, F, G  
Class III

NEC/CEC — 1-1/4" thru 4" Sizes:  
Class I, Group D  
Class II, Groups E, F, G  
Class III

ATEX: — stainless steel 1/2" thru  
2" Sizes:  
⊕ II 2 GD  
Ex d IIC Gb  
Ex t IIIC Db  
IP66

### Applications

- Used in areas where vibration and/or movement is a problem. Also used in place of rigid conduit in difficult-bend situations.

### Features

- Explosionproof, dust-ignitionproof, watertight
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- Heavy duty design resists mechanical abuse.
- Electrical conductivity equal to rigid conduit on a similar length basis—no bonding jumper required.
- Interior insulating liner protects conductors from abrasion under vibrating conditions.
- EXGJH: both end fittings are female, each furnished with a removable male nipple.
- EXLK: female end fitting with union at one end and a female end fitting with a removable male nipple at the other end.

### Standard Materials

- 1/2" thru 2": outer bronze braid, inner brass core with insulating liner
- 2-1/2" thru 4": outer stainless steel braid, inner stainless steel core with insulating liner
- End Fittings: 1/2" thru 2"—brass; 2-1/2" thru 4"—stainless steel
- Unions: 1/2" thru 1" zinc plated steel; 1-1/4" thru 2" ductile iron
- Close nipples: zinc plated steel

### Standard Finishes

- Natural finish

### Options

- 1/2" through 2" available in stainless steel. Add suffix **-SS**.
- EXLK Union is zinc plated steel. Stainless steel union available in 1/2" through 1". Add suffix **-SU**.
- Close nipples are zinc plated steel. For 1/2" through 1-1/2" stainless steel nipple. Add suffix **-NS**
- Custom lengths available—consult factory

### NEC/CEC Certifications and Compliances

- UL Standard: 886 (1203)
- UL Listed: E34997
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 065181

### ATEX Certifications and Compliances

- Certification Type FLEXCO (*Excludes Nipples and Unions*)
  - Gas, Zones 1 and 2:
    - Conforming to ATEX 94/9/EC: ⊕ II 2G
    - Type of Protection: Ex d IIC Gb
  - Dusts, Zones 21 and 22:
    - Conforming to ATEX: ⊕ II 2D
    - Type of Protection: Ex t IIIC Db
- Ambient Temperatures: -40 °C ≤ to ≤ + 150 °C  
(-40 °F ≤ to ≤ + 302 °F)
- Ex Standards: EN 60079-0, 60079-1, EN 60079-31
- ATEX Certificate : LCIE 11 ATEX 3006U
- Index of Protection according EN/IEC 60529: IP66



EXGJH

Suitable for Wet Locations – Two Removal Male Nipples



EXLK

One Removal Male Nipple, One Removable Union

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Class I, Group D  
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ATEX — stainless steel 1/2" thru  
2" Sizes:  
Ex d IIC Gb  
Ex t IIIC Db  
IP66

| Size (Inches) |               | Catalog Number |            |
|---------------|---------------|----------------|------------|
| Flex Length   | Diameter Size | EXGJH          | EXLK       |
| 4             | 1/2           | EXGJH-14 ◊     | EXLK-14 ◊  |
| 4             | 3/4           | EXGJH-24 ◊     | EXLK-24 ◊  |
| 6             | 1/2           | EXGJH-16 ◊     | EXLK-16 ◊  |
| 6             | 3/4           | EXGJH-26 ◊     | EXLK-26 ◊  |
| 6             | 1             | EXGJH-36       | EXLK-36    |
| 8             | 1/2           | EXGJH-18 ◊     | EXLK-18 ◊  |
| 8             | 3/4           | EXGJH-28 ◊     | EXLK-28 ◊  |
| 8             | 1             | EXGJH-38       | EXLK-38    |
| 10            | 1/2           | EXGJH-110 ◊    | EXLK-110 ◊ |
| 10            | 3/4           | EXGJH-210 ◊    | EXLK-210 ◊ |
| 10            | 1             | EXGJH-310      | EXLK-310   |
| 12            | 1/2           | EXGJH-112 ◊    | EXLK-112 ◊ |
| 12            | 3/4           | EXGJH-212 ◊    | EXLK-212 ◊ |
| 12            | 1             | EXGJH-312      | EXLK-312   |
| 12            | 1-1/4         | EXGJH-412      | EXLK-412   |
| 12            | 1-1/2         | EXGJH-512      | EXLK-512   |
| 12            | 2             | EXGJH-612      | EXLK-612   |
| 12            | 2-1/2         | EXGJH-712      |            |
| 12            | 3             | EXGJH-812      |            |
| 12            | 4             | EXGJH-1012     |            |
| 15            | 1/2           | EXGJH-115 ◊    | EXLK-115 ◊ |
| 15            | 3/4           | EXGJH-215 ◊    | EXLK-215 ◊ |
| 15            | 1             | EXGJH-315      | EXLK-315   |
| 15            | 1-1/4         | EXGJH-415      | EXLK-415   |
| 15            | 1-1/2         | EXGJH-515      | EXLK-515   |
| 15            | 2             | EXGJH-615      | EXLK-615   |
| 15            | 2-1/2         | EXGJH-715      |            |
| 15            | 3             | EXGJH-815      |            |
| 15            | 4             | EXGJH-1015     |            |
| 18            | 1/2           | EXGJH-118 ◊    | EXLK-118 ◊ |
| 18            | 3/4           | EXGJH-218 ◊    | EXLK-218 ◊ |
| 18            | 1             | EXGJH-318      | EXLK-318   |
| 18            | 1-1/4         | EXGJH-418      | EXLK-418   |
| 18            | 1-1/2         | EXGJH-518      | EXLK-518   |
| 18            | 2             | EXGJH-618      | EXLK-618   |
| 18            | 2-1/2         | EXGJH-718      |            |
| 18            | 3             | EXGJH-818      |            |
| 18            | 4             | EXGJH-1018     |            |
| 21            | 1/2           | EXGJH-121 ◊    | EXLK-121 ◊ |
| 21            | 3/4           | EXGJH-221 ◊    | EXLK-221 ◊ |
| 21            | 1             | EXGJH-321      | EXLK-321   |
| 21            | 1-1/4         | EXGJH-421      | EXLK-421   |
| 21            | 1-1/2         | EXGJH-521      | EXLK-521   |
| 21            | 2             | EXGJH-621      | EXLK-621   |
| 21            | 2-1/2         | EXGJH-721      |            |
| 21            | 3             | EXGJH-821      |            |
| 21            | 4             | EXGJH-1021     |            |

| Size (Inches) |               | Catalog Number |            |
|---------------|---------------|----------------|------------|
| Flex Length   | Diameter Size | EXGJH          | EXLK       |
| 24            | 1/2           | EXGJH-124 ◊    | EXLK-124 ◊ |
| 24            | 3/4           | EXGJH-224 ◊    | EXLK-224 ◊ |
| 24            | 1             | EXGJH-324      | EXLK-324   |
| 24            | 1-1/4         | EXGJH-424      | EXLK-424   |
| 24            | 1-1/2         | EXGJH-524      | EXLK-524   |
| 24            | 2             | EXGJH-624      | EXLK-624   |
| 24            | 2-1/2         | EXGJH-724      | —          |
| 24            | 3             | EXGJH-824      | —          |
| 24            | 4             | EXGJH-1024     | —          |
| 27            | 1/2           | EXGJH-127 ◊    | EXLK-127 ◊ |
| 27            | 3/4           | EXGJH-227 ◊    | EXLK-227 ◊ |
| 27            | 1             | EXGJH-327      | EXLK-327   |
| 27            | 1-1/4         | EXGJH-427      | EXLK-427   |
| 27            | 1-1/2         | EXGJH-527      | EXLK-527   |
| 27            | 2             | EXGJH-627      | EXLK-627   |
| 27            | 2-1/2         | EXGJH-727      |            |
| 27            | 3             | EXGJH-827      |            |
| 27            | 4             | EXGJH-1027     |            |
| 30            | 1/2           | EXGJH-130 ◊    | EXLK-130 ◊ |
| 30            | 3/4           | EXGJH-230 ◊    | EXLK-230 ◊ |
| 30            | 1             | EXGJH-330      | EXLK-330   |
| 30            | 1-1/4         | EXGJH-430      | EXLK-430   |
| 30            | 1-1/2         | EXGJH-530      | EXLK-530   |
| 30            | 2             | EXGJH-630      | EXLK-630   |
| 30            | 2-1/2         | EXGJH-730      |            |
| 30            | 3             | EXGJH-830      |            |
| 30            | 4             | EXGJH-1030     |            |
| 33            | 1/2           | EXGJH-133 ◊    | EXLK-133 ◊ |
| 33            | 3/4           | EXGJH-233 ◊    | EXLK-233 ◊ |
| 33            | 1             | EXGJH-333      | EXLK-333   |
| 33            | 1-1/4         | EXGJH-433      | EXLK-433   |
| 33            | 1-1/2         | EXGJH-533      | EXLK-533   |
| 33            | 2             | EXGJH-633      | EXLK-633   |
| 33            | 2-1/2         | EXGJH-733      |            |
| 33            | 3             | EXGJH-833      |            |
| 33            | 4             | EXGJH-1033     |            |
| 36            | 1/2           | EXGJH-136 ◊    | EXLK-136 ◊ |
| 36            | 3/4           | EXGJH-236 ◊    | EXLK-236 ◊ |
| 36            | 1             | EXGJH-336      | EXLK-336   |
| 36            | 1-1/4         | EXGJH-436      | EXLK-436   |
| 36            | 1-1/2         | EXGJH-536      | EXLK-536   |
| 36            | 2             | EXGJH-636      | EXLK-636   |
| 36            | 2-1/2         | EXGJH-736      |            |
| 36            | 3             | EXGJH-836      |            |
| 36            | 4             | EXGJH-1036     |            |

HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF CONDUIT FITTINGS

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◊ Indicates items in the shaded area which are UL Listed for Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III.

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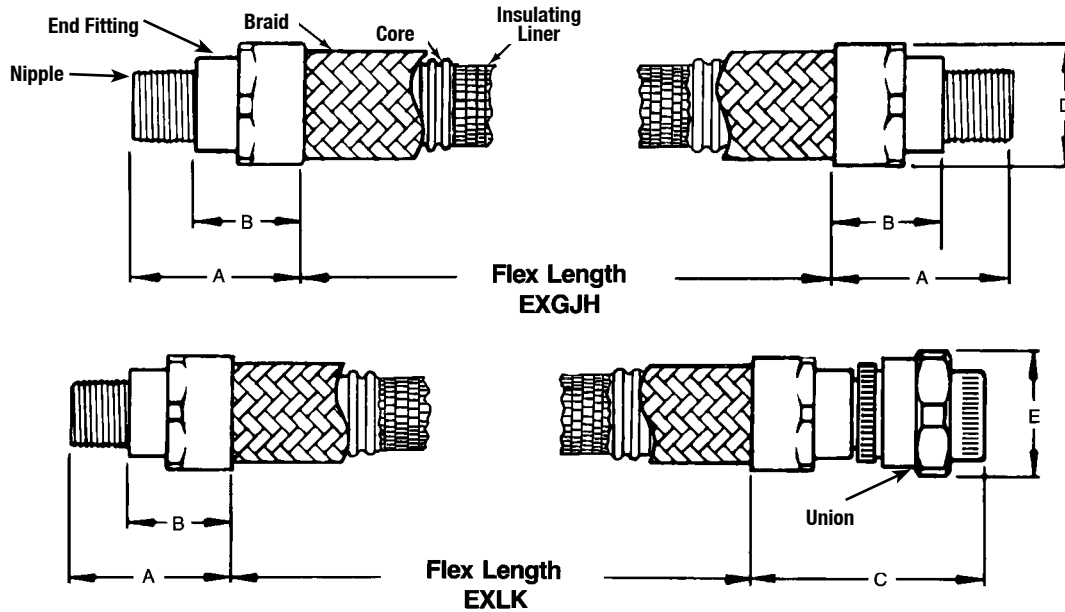
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HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF CONDUIT FITTINGS

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### EXGJH and EXLK Dimensions in Millimeters (Inches)

| Coupling Size | A            | B           | C            | D            | E            | Bending Radius ① |
|---------------|--------------|-------------|--------------|--------------|--------------|------------------|
| 1/2           | 80.7 (3.18)  | 38.1 (1.50) | 76.2 (3.00)  | 35.7 (1.41)  | 37.3 (1.47)  | 254.0 (10.00)    |
| 3/4           | 81.0 (3.19)  | 38.9 (1.53) | 82.6 (3.25)  | 44.5 (1.75)  | 44.5 (1.75)  | 304.8 (12.00)    |
| 1             | 91.9 (3.62)  | 46.7 (1.84) | 92.1 (3.63)  | 52.4 (2.06)  | 50.8 (2.00)  | 355.6 (14.00)    |
| 1-1/4         | 98.0 (3.86)  | 51.6 (2.03) | 111.1 (4.38) | 66.7 (2.63)  | 71.4 (2.81)  | 406.4 (16.00)    |
| 1-1/2         | 108.5 (4.27) | 55.6 (2.19) | 115.9 (4.56) | 79.4 (3.13)  | 77.8 (3.06)  | 406.4 (16.00)    |
| 2             | 114.3 (4.50) | 62.0 (2.44) | 125.4 (4.94) | 98.4 (3.88)  | 94.5 (3.72)  | 457.2 (18.00)    |
| 2-1/2         | 133.4 (5.25) | 65.0 (2.56) | 158.8 (6.25) | 114.3 (4.50) | 123.8 (4.88) | 381.0 (15.00)    |
| 3             | 136.1 (5.36) | 66.8 (2.63) | 158.8 (6.25) | 127.8 (5.03) | 136.5 (5.38) | 584.2 (23.00)    |
| 4             | 140.7 (5.54) | 66.8 (2.63) | 161.9 (6.38) | 168.3 (6.63) | 163.5 (6.44) | 1219.2 (48.00)   |



① Bending Radius shown is minimum recommended.