

## Application data :

The ECUN flexible couplings are used in hazardous areas to

- isolate conduit systems from vibration or movement of connected equipment.
- accomplish difficult bends in place of rigid conduit.

## Technical data :

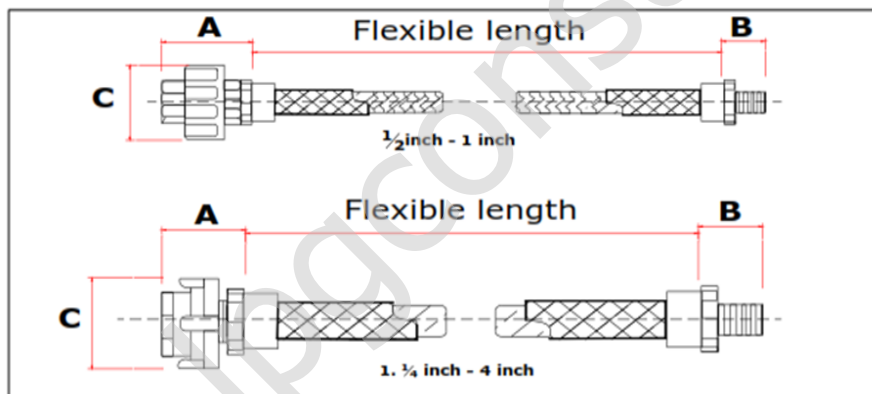
|                          |                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------|
| Explosion Protection     | : Ex d IIB T6                                                                                 |
| Conforming to            | : Standards IEC 60079-0/1 or UL 60079-1                                                       |
| Marking for test         | : Ex II2G                                                                                     |
| Degree of Protection     | : IP66 acc. To IEC 60529                                                                      |
| Ambient Temp. (Ta)       | : -20 °C to + 40 °C                                                                           |
| Protection class for UL. | : Class I, Division 1 or 2 Group. C,D<br>Class II, Division 1 or 2 Groups. E,F,G<br>Class III |
| Protection class for IEC | : Zone1 and Zone 2                                                                            |
| Conduit hub              | : 1/2" - 4" NPT.                                                                              |



## Specification:

|                       |                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------|
| Inner flexible tube   | : Stainless steel                                                                               |
| Outer wire braid      | : Stainless steel                                                                               |
| Union                 | : Marine grade copper-free aluminum alloy<br>with epoxy-polyester powder coated , RAL7032(GREY) |
| Male threaded fitting | : Bronze with chromium plated                                                                   |
| Option                | : One removable male nipple                                                                     |

## Catalogue Numbers and Dimensions: in mm.



| Sizes<br>( inch ) | Catalogue Number             |                              |                              |                              |                              |                              |                               | Dimension in mm. |    |     |
|-------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------|----|-----|
|                   | 30 cm.<br>Flexible<br>length | 40 cm.<br>Flexible<br>length | 50 cm.<br>Flexible<br>length | 60 cm.<br>Flexible<br>length | 80 cm.<br>Flexible<br>length | 90 cm.<br>Flexible<br>length | 100 cm.<br>Flexible<br>length | A                | B  | C   |
| 1/2"              | ECUN 130                     | ECUN 140                     | ECUN 150                     | ECUN 160                     | ECUN 180                     | ECUN 190                     | ECUN 1100                     | 56               | 20 | 49  |
| 3/4"              | ECUN 230                     | ECUN 240                     | ECUN 250                     | ECUN 260                     | ECUN 280                     | ECUN 290                     | ECUN 2100                     | 56               | 21 | 55  |
| 1"                | ECUN 330                     | ECUN 340                     | ECUN 350                     | ECUN 360                     | ECUN 380                     | ECUN 390                     | ECUN 3100                     | 65               | 27 | 63  |
| 1.1/4"            | ECUN 430                     | ECUN 440                     | ECUN 450                     | ECUN 460                     | ECUN 480                     | ECUN 490                     | ECUN 4100                     | 65               | 29 | 71  |
| 1.1/2"            | ECUN 530                     | ECUN 540                     | ECUN 550                     | ECUN 560                     | ECUN 580                     | ECUN 590                     | ECUN 5100                     | 75               | 31 | 83  |
| 2"                | ECUN 630                     | ECUN 640                     | ECUN 650                     | ECUN 660                     | ECUN 680                     | ECUN 690                     | ECUN 6100                     | 83               | 33 | 104 |
| 2.1/2"            | ECUN 730                     | ECUN 740                     | ECUN 750                     | ECUN 760                     | ECUN 780                     | ECUN 790                     | ECUN 7100                     | 83               | 39 | 127 |
| 3"                | ECUN 830                     | ECUN 840                     | ECUN 850                     | ECUN 860                     | ECUN 880                     | ECUN 890                     | ECUN 8100                     | 93               | 39 | 135 |
| 3.1/2"            | ECUN 930                     | ECUN 940                     | ECUN 950                     | ECUN 960                     | ECUN 980                     | ECUN 990                     | ECUN 9100                     | 95               | 43 | 158 |
| 4"                | ECUN 1030                    | ECUN 1040                    | ECUN 1050                    | ECUN 1060                    | ECUN 1080                    | ECUN 1090                    | ECUN10100                     | 95               | 43 | 163 |