



## FURON<sup>®</sup> NO O-RING FITTINGS

FLEXIBILITY FOR  
WELDED SYSTEMS

Utilizing our patent-protected tongue and groove seal, Furon No-O-ring Union provides flexibility to your welded system through its dismantling capability. It also lets you design a complex welded system that can be separated in sub-modules, enabling faster manipulation, installation and maintenance procedures.

### APPLICATIONS

The Furon No-O-ring Union primarily is utilized in welded systems that require easy manipulation and versatility in design but at the same time offers premium flow capability, cleanliness and safety.

Furon No-O-ring Unions are particularly well adapted in the following applications:

- Chemical delivery systems
- Welded Valve boxes
- Manifolds

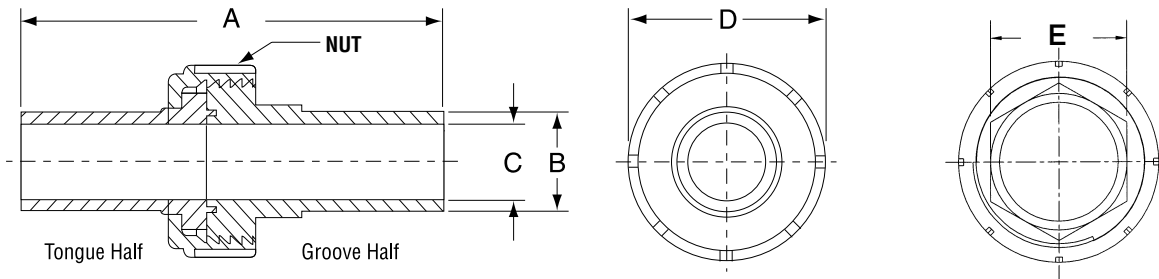
### FEATURES AND BENEFITS

- Molded from virgin premium high-purity PFA
- Ideally used with:
  - Furon HP PFA 400 Tubing
- Patent protected tongue and groove seal
- O-ring free design
- Universal chemical resistance and compatibility
- High pressure capability
- Retains seal integrity over countless disassemblies/reassemblies
- No Dead space
- Available up to 2"

# Furon® No O-Ring Fittings

## FURON NO O-RING UNION

| Description    | Nominal<br>Pipe Size by<br>Schedule 40 | A    |       | B     |      | C     |       | D    |      | E<br>HEX |      |
|----------------|--|------|-------|-------|------|-------|-------|------|------|----------|------|
|                | in                                     | in   | mm    | in    | mm   | in    | mm    | in   | mm   | in       | mm   |
|                | SSUM-8788                              | 1/2  | 4.26  | 108.2 | 0.84 | 21.3  | 0.607 | 15.4 | 2.00 | 50.8     | 0.87 |
| SSUM-8788-C    | 2.26                                   |      | 57.4  |       |      |       |       |      |      |          |      |
| SSUM-1271212   | 3/4                                    | 4.47 | 113.5 | 1.05  | 26.6 | 0.809 | 20.5  | 2.13 | 54.1 | 1.05     | 26.7 |
| SSUM-1271212-C |  | 2.47 | 62.7  |       |      |       |       |      |      |          |      |
| SSUM-1671616   | 1                                      | 4.49 | 114.0 | 1.315 | 33.4 | 1.033 | 26.2  | 2.50 | 63.5 | 1.315    | 33.4 |
| SSUM-1671616-C |  | 2.49 | 63.2  |       |      |       |       |      |      |          |      |
| SSUM-3273232   | 2                                      | 3.8  | 96.3  | 2.07  | 52.6 | 2.38  | 60.5  | 3.50 | 88.9 | 2.375    | 60.3 |

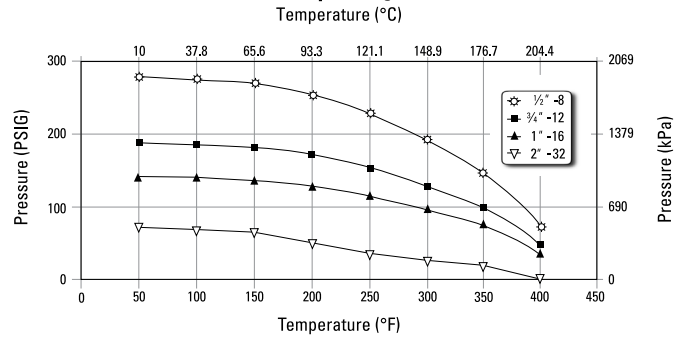


## TECHNICAL SPECIFICATIONS - NO O-RING

|                             |                             |
|-----------------------------|-----------------------------|
| Fitting Body Material       | 100% Virgin High Purity PFA |
| Max. Operating Temperature* | See graphical chart         |
| Max. Operating Pressure**   | See graphical chart         |
| Nut Material                | ETFE                        |

\*At ambient temperature  
 \*\*Based on size, [please contact us](#) for more details or specific configuration

### Maximum Operating Pressure



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