

PURGE JUMPER

Features and Benefits

- Multiple lengths available
- Choice of end connections
- End connections orbitally-welded in a class-100 clean room
- Electropolished internal surface finishes
- Choice of tube sizes
- Tubing coil diameter approximately 10 inches
- HLT to 1×10^{-9} atm/cc/sec available on request

Materials of Construction

The Purge Jumper consists of coiled stainless-steel tubing with welded VCR end connections. The options for end connections are listed in the part numbering structure below.

Testing, Cleaning, and Packaging

- Inboard Helium Leak Tested to a rate of 1×10^{-9} .
- Cleaned and packaged in accordance with Swagelok *UHP Cleaning and Packaging Specification (SC-01)*, MS-06-62.
- Pre-qualified for particles upon request.



Technical Information

- Maximum pressure rating: 3000 psig
- Maximum temperature rating: 140°F
- For inert gas use only

Additional Products

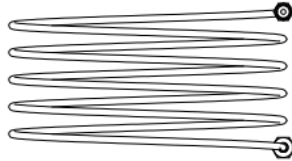
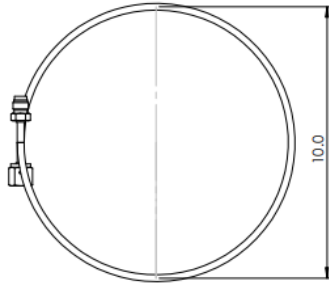
- UHP Panel – POU
- UHP Purge Sticks
- UHP Purge Blocks

For product technical data, including materials of construction, see the following catalogs:

Swagelok Gaugable Tube Fittings and Adapter Fittings, MS-01-140

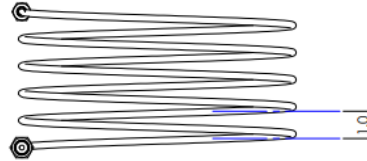
Swagelok Stainless Steel Tubing, MS-01-181

Dimensions



NOTES:

- 1/2" TUBING DOES NOT GET COILED (STRAIGHT LENGTHS ONLY).
- TUBING WILL BE BENT TO THE DIAMETER CALLED OUT IN PART NUMBER STRUCTURE, OTHERWISE IT WILL BE LEFT STRAIGHT.
- DEPICTED ASSEMBLY IS 20FT. VARIOUS LENGTHS ARE AVAILABLE UPON REQUEST.



Ordering Information

Build Purge Jumper ordering number by combining the designators in the sequence shown below.
All jumpers include UHP 316L stainless steel tubing in accordance with ASTM A269.

PJ 1 2 3 4 5 6 7
PJ - 4 M 4 F 4 - 10 - 20

1 END CONNECTION SIZE 1

2 = 1/8"
4 = 1/4"

4 END CONNECTION 2

M = Male VCR
F = Female VCR

7 OAL

20 = 20 ft

2 END CONNECTION 1

M = Male VCR
F = Female VCR

5 OD TUBE SIZE

2 = 1/8"
4 = 1/4"

3 END CONNECTION SIZE 2

2 = 1/8"
4 = 1/4"

6 COIL DIAMETER

10 = 10"

Safe Product Selection

When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Caution: Do not mix or interchange parts with those of other manufacturers.

Warranty Information

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit swagelok.com.



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