

Micro valves for GC and LC

1/4-28

- Compact 1" design
- Convenient panel mount, hole diameter 8 mm (0.3125"), 6 mm maximum thickness
- Biocompatible and inert
- Variety of configurations

Simplify your liquid or gas handling application with a VICI Jour sampling micro valve. The unique design of the fitting detail allows a leak-free seal with no potential for rotor damage from overtightening. Internal parts are PEEK and PTFE.



SPECS

- For 1/16" and 1/8" OD tubing
- Materials
Wetted parts: PEEK
Body: POM
Nuts: PPS
Ferrules: CTFE
- 1/4-28 threads
- 1.50 mm bore
- Pressure rating: see notes at left

Includes flangeless PPS fittings and CTFE collapsible ferrules for 1/8" OD tubing. Sold individually.

		Product No.
"T" flow path	3 ports	JR-660100
	4 ports	JR-660110
180° flow path	2 ports	JR-660200
	4 ports	JR-660210
90° flow path	2 ports	JR-660300
	3 ports	JR-660310
	4 ports	JR-660320

Spare parts	Material	Tubing OD	Qty/pkg	Product No.
Nuts	PPS	1/16"	10	JR-55050-10
		1/8"	10	JR-55051-10
Collapsible ferrules	PEEK	1/16"	10	JR-CFL-CB1PK
	CTFE	1/8"	10	JR-CFL-CB2KF

"T" flow path



180° flow path



90° flow path



MICRO VALVE PRESSURE RATINGS

- 200 psi gas
Tested with helium using 1/16" OD x 0.84 mm ID PTFE tubing with PEEK collapsible ferrules
- 500 psi liquid
Tested with isopropanol using 1/8" OD x 0.75 mm ID PTFE tubing with CTFE collapsible ferrules

TECH TIP

While micro valves are typically used with collapsible ferrules, inverted ferrules or flanged connections can also be used.



Standard: Collapsible ferrule



Inverted ferrule



Flanged ferrule

TECH TIP

Use our impermeable tubing to avoid gas diffusion in the solvent lines 13

RELATED PRODUCTS

Color-Sleeve adapters, in 12 colors 17



High pressure PEEK tees 28
PPS hex-head flanged nuts 41

Peristaltic tubing adapter set

1/4-28

- For connecting soft tubing to PTFE and PTFE-like tubing
- Works with peristaltic tubing up to 4.50 mm OD
- For 1/16" and 1/8" PTFE and PTFE-like tubing
- Biocompatible
- Low dead volume

This "one-fits-all" set consists of everything needed to connect 1/16" or 1/8" OD PTFE and PTFE-like tubing to soft tubing (such as silicone), up to 4.5 mm in OD, minimum 0.5 mm ID.

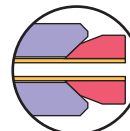
The adapter includes:

- 3 different bushings (for the different soft tubing ODs)
- 2 PPS nuts (one each for 1/16" and 1/8" OD tubing)
- 2 ETFE inverted ferrules (one each for 1/16" and 1/8" OD tubing)
- 2 Color-Sleeve adapters

Sold individually.

SPECS

- For 1/16" and 1/8" OD tubing
- Materials
Body: PEEK
Bushings: PPS
Nut: PPS
Ferrules: ETFE
- 1/4-28 threads
- 1.50 mm bore
- Body size: 28 mm long 12 mm diameter.



PEEK adapter for peristaltic to PTFE tubing connection Product No. JR-PTAS