



VICI JOUR - Low Pressure Fittings

VICI JOUR PRODUCTS

Tubing for chromatography

High pressure fittings

- Nanovolume
- Stainless steel
- Polymeric

Low pressure fittings

Filters & mobile phase filters

Mobile phase handling systems

Frits

PEEK columns & guard columns

Sample loops

Accessories/miscellaneous

CUSTOMER SUPPORT

Polypropylene Color-Coded Flanged Nuts

- For flanged connections
- Compatible with all 1/4"-28 flat bottom ports
- Fiberglass reinforced polypropylene with polypropylene washers
- Available for 1/16" and 1/8" tubing

A number of chromatography systems still require or prefer flanged connections. When the tubing is flanged, the washer never comes in contact with the mobile phase. Six colors are available.



For forming the flange on the tubing, we recommend our [Easy-Flange kit](#).



1/16" Polypropylene Color-Coded Flanged Nuts

Pressure rating: up to 30 bar (435 psi). Varies with tubing material and ID.

Description	Color	Qty/ pkg	Product No.
Polypropylene 1/4"-28 nut	Black	10	JR-201094BK-10
	White	10	JR-201094WH-10
	Blue	10	JR-202122-10
	Green	10	JR-202123-10
	Yellow	10	JR-202124-10
	Red	10	JR-202125-10
Polypropylene 1/4"-28 nut, 1" long	Black	10	JR-202118-10
	White	10	JR-202118-10

Washer for 1/16" flanged fitting	10	JR-201926-10
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1/8" Polypropylene Color-Coded Flanged Nuts

Pressure rating: up to 30 bar (435 psi). Varies with tubing material and ID.

Description	Color	Qty/ pkg	Product No.
Polypropylene 1/4"-28 nut	Black	10	JR-201580BK-10
	White	10	JR-201580WH-10
	Blue	10	JR-202142-10
	Green	10	JR-202143-10
	Yellow	10	JR-202144-10
	Red	10	JR-202145-10
Polypropylene 1/4"-28 nut, 1" long	Black	10	JR-202119-10
	White	10	JR-202121WH-10
Washer for 1/8" flanged fitting		10	JR-201928-10

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Polyacetal Color-Coded Flangeless Nuts

- Value-for-money alternative to PEEK
- Flange-free – compatible with all 1/4"-28 flat bottom ports
- Excellent chemical resistance
- Available for 1/16" and 1/8" tubing
- Fingertight – no tools required

Polyacetal flangeless nuts in combination with the inverted ferrule make leak-free seals without a flanging tool or a wrench. The inert ETFE ferrule is the only part besides the tubing which contacts the fluid – the nut itself does not contact the fluid stream. (See illustration) Six colors are available.



1/16" Polyacetal Color-Coded Flangeless Nuts

Pressure rating: up to 70 bar (1000 psi). Varies with tubing material and ID.

Description	Color	Qty/ pkg	Product No.
Polyacetal 1/4"-28 flangeless nut	Green	10	JR-040GR-10
	Blue	10	JR-040BL-10
	Yellow	10	JR-040YL-10
	Red	10	JR-040RE-10
	White	10	JR-040WH-10
	Black	10	JR-040BK-10
Polyacetal 1/4"-28 flangeless nut, 1" long	White	10	JR-040WL-10

1/16" ETFE ferrule

10

JR-041-10

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1/8" Polyacetal Color-Coded Flangeless Nuts

Pressure rating: up to 35 bar (500 psi). Varies with tubing material and ID.

Description	Color	Qty/ pkg	Product No.
Polyacetal 1/4"-28 flangeless nut	Green	10	JR-050GR-10
	Blue	10	JR-050BL-10
	Yellow	10	JR-050YL-10
	Red	10	JR-050RE-10
	White	10	JR-050WH-10
	Black	10	JR-050BK-10
Polyacetal 1/4"-28 flangeless nut, 1" long	White	10	JR-050WL-10
1/8" ETFE ferrule		10	JR-051-10

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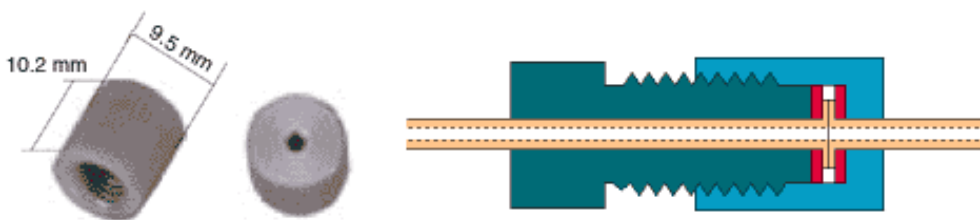
CUSTOMER SUPPORT

Flanged Tubing Connector

- For easy connection of flanged tubing
- Zero dead volume
- Available for 1/16" and 1/8" tubing

With its female 1/4"-28 thread, the VICI flanged tubing connector fits all of our flanged fittings. We recommend this PEEK connector instead of a union to make a zero dead volume connection.

For forming the flange on the tubing, we recommend our [Easy-Flange kit](#).



Flanged Tubing Connector

Pressure rating: up to 30 bar (435 psi). Varies with tubing material and ID.

Description	Product No.
For 1/16" tubing	JR-CEN1PK
For 1/8" tubing	JR-CEN2PK



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Low Pressure Bulkhead Unions

- Panel mounting
- Easy connection of low pressure solvent lines
- Low dead volume
- Completely inert and biocompatible



Low Pressure Bulkhead Unions

Pressure rating: up to 105 bar (1500 psi) for 1/16", 35 bar (500 psi) for 1/8"

Description	Product No.
PEEK, 0.75 mm bore, with ETFE ferrules and PPS flangeless nuts for 1/16" tubing	JR- CBUMPK
PEEK, 1.50 mm bore, with ETFE ferrules and PPS flangeless nuts for 1/8" tubing	JR-CBULPK

Spare Parts

Description	Qty/pkg	Product No.	
Nuts	PPS, flangeless, 1/16", black	10	JR-55070-10
	PPS, flangeless, 1/8", black	10	JR-55071-10
Ferrules	ETFE, 1/16"	10	JR-041-10
	ETFE, 1/8"	10	JR-051-10
Adapters	PP fingertight sleeve, yellow	10	JR-55086-10
	PP fingertight sleeve, blue	10	JR-55090-10

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CUSTOMER SUPPORT

JR-051-10

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ETFE, 1/8"

Also available: Fingertight adapters in additional colors

PEEK Biocompatible Mixing Tees

- Completely inert and biocompatible
- Mountable
- Two different bore sizes available
- 1/4"-28 ports for 1/16" and 1/8" OD tubing



A unique mixing is the result of the turbulence generated by the introduction angle of the solvents. The streams mix more thoroughly than with a conventional tee.

The 0.75 mm bore tee is supplied with PPS flangeless nuts and ETFE ferrules for 1/16" OD tubing. The 1.50 mm bore version come with PPS flangeless nuts and ETFE ferrules for 1/8" OD tubing. The fingertight sleeves are polypropylene.

Dimensions

Body length: 44.5 mm; thickness: 22.2 mm

PEEK Biocompatible Mixing Tees

Pressure rating: up to 105 bar (1500 psi) for 1/16", 35 bar (500 psi) for 1/8".

Varies with tubing material and ID

Description	Product No.
PEEK mixing tee, 0.75 mm bore, with 1/16" fittings	JR-CM1XPK
PEEK mixing tee, 1.50 mm bore, with 1/8" fittings	JR-CM2XPK

Spare Parts

Description		Qty/pkg	Product No.
Nuts	PPS, flangeless 1/4"-28, 1/16"	10	JR-55070-10
	PPS, flangeless 1/4"-28, 1/8"	10	JR-55071-10
Ferrules	ETFE, 1/16"	10	JR-041-10



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Low Pressure Polypropylene Adapters

- Adapt 10-32, 1/4"-28, barb, Luer, etc
- Completely inert and biocompatible

Description		Qty/ pkg	Product No.
Male Luer to:	1/16" barbed	10	JR-070211-10
	3/32" barbed	10	JR-070212-10
	1/8" barbed	10	JR-070213-10
	10-32 male	10	JR-070224-10
	14"-28 female	10	JR-070225-10
Female Luer to:	1/16" barbed	10	JR-070111-10
	3/32" barbed	10	JR-070112-10
	1/8" barbed	10	JR-070113-10
	Female Luer	10	JR-070101-10
	10-32 male	10	JR-070124-10
	1/4"-28 male	10	JR-070123-10
1/4"-28 male to:	1/16" barbed	10	JR-071123-10
	1/8" barbed	10	JR-071323-10



JR-071124-10	JR-071324-10	JR-072450-10	JR-072350-10
10	10	10	10
1/16" barbed	1/8" barbed	10-32	1/4"-28
10-32 male to:	Plugs		



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CUSTOMER SUPPORT

Peristaltic Tubing Adapter Set

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

This "one-piece-fits-all" set consists of everything needed to connect 1/16" and 1/8" OD PTFE and PTFE-like tubing to soft tubing like silicone up to 4.50 mm OD. The adapter comes with three different bushings (for the different soft tubing OD's) and two PPS fittings with inverted ETFE ferrules (one each for 1/16" and 1/8" OD tubing). The body and bushings are PEEK.

Dimensions

Length (without fitting): 28 mm; diameter: 12 mm; bore: 0.50 mm



Peristaltic Tubing Adapter Set

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

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Flanged Fittings Kit

- A complete kit of flanged fittings and accessories
- All parts biocompatible
- Excellent chemical resistance

The flanged fitting kit contains all the materials that are required to make flanged connections for 1/16" and 1/8" OD tubing: flanged fittings, washers, unions, tubing in four different sizes, our Clean-Cut tubing cutter, and a pair of tweezers.



CUSTOMER SUPPORT

Flanged Fittings Kit

Description	Product No.
Flanged fittings kit	JR-201529

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Index of contents of the Flanged Fitting Kit (Part-No. JR-201529)

Part-No.	Description	Qty
JR-201094Black	Black flanged nut 1/16"	10
JR-201094White	White flanged nut 1/16"	10
JR-201580Black	Black flanged nut 1/8"	10
JR-201580White	White flanged nut 1/8"	10
JR-201928Bushing	1/8" Polypropylene bushing	20
JR-201926Bushing	1/16" Polypropylene bushing	20
JR-060	Union	5
JR-797	Clean-cut tubing cutter	1
JR-4011	1/16" OD x 0.25 mm ID PTFE tubing	3 m
JR-4183	1/16" OD x 0.50 mm ID PTFE tubing	3 m
JR-4036	1/16" OD x 0.75 mm ID PTFE tubing	3 m
JR-6800	1/8" OD x 1.59 mm ID PTFE tubing	3 m
JR-806	Tweezer tool	1