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Disclaimer

The maximum holding pressure for any type of connection involving tubing and a ferrule, varies considerably with the tubing material, the ferrule material, the clearance between tubing OD and ferrule ID and the shape of the fitting detail.

PEEK Sample Loops for Valco Valves

SPECS

Material

Loops: PEEK
Nuts: PEEK
Ferrules: PEEK
Caps: Polyethylene

Dimensions

See chart

Tolerances of tube ID

+/- 0.025 mm (.001")

Note

The tighter ID tolerance of the tubing minimizes the tolerance of the loop volume

All PEEK sample loops will be supplied with PEEK hex-head nuts and PEEK ferrules for reliable connections

This design avoids "twisting" of the tube



C0619

2x JR-5005 + 1 x JR-5510

PEEK Sample Loops for Valco Valves

- Fits all Valco W and UW type valves
- Wide range of volumes available
- Biocompatible

VICI Jour Sample Loops are made from PEEK tubing and fittings. PEEK is a mechanically strong, chemically inert polymer ideal for HPLC applications. Since VICI Jour PEEK Sample Loops contain no metals or other extractable compounds, no foreign materials will be introduced into the system. Further softener free PE caps are used to avoid the contamination of the tubing.

VICI Jour PEEK Sample Loops are particularly well suited for separations involving proteins, peptides, nucleic acids

or other samples of biological origin as well as in IC systems where metal traces may interact with ionic samples or release transition metals that may deactivate ion exchange columns.



C0306

PEEK Sample Loops for Valco Valves 1/16" OD

Part No.	Description	bar*	psi*
JR-SLV-75-5	5 μ L	400	5800
JR-SLV-75-10	10 μ L	400	5800
JR-SLV-75-20	20 μ L	400	5800
JR-SLV-75-50	50 μ L	400	5800
JR-SLV-75-100	100 μ L	400	5800
JR-SLV-75-250	250 μ L	240	3500
JR-SLV-75-500	500 μ L	240	3500
JR-SLV-75-1000	1 mL	240	3500

Other dimensions are available on request. Please contact your local distributor or VICI directly.

* = Recommended maximum permanent working pressure

Spare Parts

Part No.	Description	Qty/pkg
JR-5510-5	Fitting, PEEK, Hex-head long, 10-32, 1/16"	5
JR-5005-5	Single Ferrule, PEEK, 1/16"	5

Stainless Steel Sample Loops for Valco Valves

Stainless Steel Sample Loops for Valco Valves

- Fits all Valco W and UW type valves
- Wide range of volumes available

VICI Jour Stainless Steel Sample Loops are made of high quality SS316 and are cut using an electrolytic cutting process, cleaned with ultrasound and high pres-

sure steam to remove contaminants, dried and capped with softener free caps to avoid the recontamination of the tubing.



Stainless Steel Loop for Valco Valves 1/16" OD

Part No.	Description
JR-SLV-76-5	5 μ L
JR-SLV-76-10	10 μ L
JR-SLV-76-20	20 μ L
JR-SLV-76-50	50 μ L
JR-SLV-76-100	100 μ L
JR-SLV-76-250	250 μ L
JR-SLV-76-500	500 μ L
JR-SLV-76-1000	1 mL

Other dimensions are available on request. Please contact your local distributor or VICI directly.

Spare Parts

Part No.	Description	Qty/pkg
JR-ZN1-5	Nut, SS, 10-32, 1/16"	5
JR-ZF1S6-5	Ferrule, SS, 1/16"	5

SPECS

Material
 Loops: SS316
 Nuts: SS303
 Ferrules: SS316
 Caps: Polyethylene

Dimensions
 See chart

Tolerances of tube ID
 +/- 0.05 mm (.002")

Pressure rating
 < 350 bar (5000 psi)

Note
 All Loops will be supplied with SS Hex-Head nuts and SS ferrules for reliable connections

Not recommended for use with halides

High pressure resistance, low permeability

Tech Tip
 We offer nuts in three lengths to facilitate wrench access on valves

For loops frequently replaced we recommend the extra long nut – particularly when space is restricted (see page 50)

PEEK Sample Loops for Cheminert Valves

SPECS

Material

Loops: PEEK
Nuts: PEEK
Ferrules: PEEK
Caps: Polyethylene

Dimensions

See chart

Tolerances of tube ID

+/- 0.025 mm (.001")

Note

The tighter ID tolerance of the tubing minimizes the tolerance of the loop volume

All PEEK sample loops will be supplied with PEEK hex-head nuts and PEEK ferrules for reliable connections

This design avoids "twisting" of the tube



2x JR-5005 + 1 x JR-5510

PEEK Sample Loops for Cheminert Valves

- Fits all Cheminert C1, C2, C2V and C3 type valves
- Wide range of volumes available
- Biocompatible

VICI Jour Sample Loops are made from PEEK tubing and fittings. PEEK is a mechanically strong, chemically inert polymer ideal for HPLC applications. Since VICI Jour PEEK Sample Loops contain no metals or other extractable compounds, no foreign materials will be introduced into the system. Further softener free PE caps are used to avoid the contamination of the tubing.

VICI Jour PEEK Sample Loops are particularly well suited for separations involving proteins, peptides, nucleic acids or other samples of biological origin as well as in IC systems where metal traces may interact with ionic samples or release transition metals that may deactivate ion exchange columns.



PEEK Sample Loops for Cheminert Valves 1/16" OD

Part No.	Description	bar*	psi*
JR-SLC-85-5	5 µl	400	5800
JR-SLC-85-10	10 µl	400	5800
JR-SLC-85-20	20 µl	400	5800
JR-SLC-85-50	50 µl	400	5800
JR-SLC-85-100	100 µl	400	5800
JR-SLC-85-200	200 µl	240	3500
JR-SLC-85-250	250 µl	240	3500
JR-SLC-85-300	300 µl	240	3500
JR-SLC-85-500	500 µl	240	3500
JR-SLC-85-1000	1 ml	240	3500

Other dimensions are available on request. Please contact your local distributor or VICI directly.
* = Recommended maximum permanent working pressure

Spare Parts

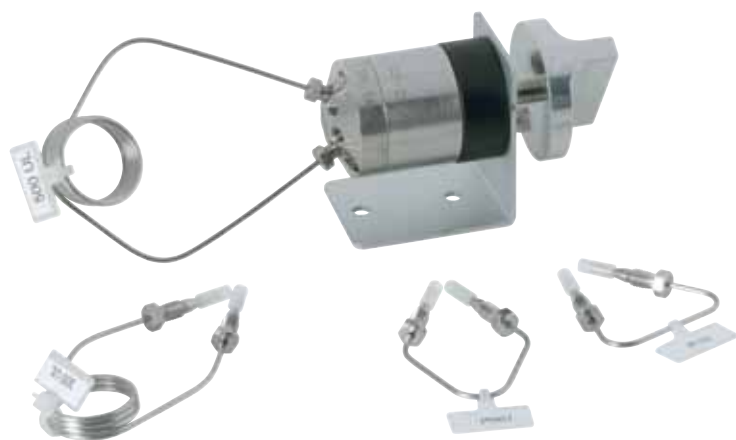
Part No.	Description	Qty/pkg
JR-5510-5	Fitting, PEEK, Hex-head long, 10-32, 1/16"	5
JR-5005-5	Single Ferrule, PEEK, 1/16"	5

Stainless Steel Sample Loops for Cheminert Valves

Stainless Steel Sample Loops for Cheminert Valves

- Fits all Cheminert C1, C2, C2V and C3 type valves
- Wide range of volumes available

VICI Jour Stainless Steel Sample Loops are made of high quality SS316 and are cut using an electrolytic cutting process, cleaned with ultrasound and high pressure steam to remove contaminants, dried and capped with softener free caps to avoid the recontamination of the tubing.



Stainless Steel Loop for Cheminert Valves 1/16" OD

Part No.	Description
JR-SLC-86-5	5 µL
JR-SLC-86-10	10 µL
JR-SLC-86-20	20 µL
JR-SLC-86-50	50 µL
JR-SLC-86-100	100 µL
JR-SLC-86-250	250 µL
JR-SLC-86-500	500 µL
JR-SLC-86-1000	1 mL

Other dimensions are available on request. Please contact your local distributor or VICI directly.

Spare Parts

Part No.	Description	Qty/pkg
JR-ZN1-5	Nut, SS, 10-32, 1/16"	5
JR-ZF1S6-5	Ferrule, SS, 1/16"	5

SPECS

Material
 Loops: SS316
 Nuts: SS303
 Ferrules: SS316
 Caps: Polyethylene

Dimensions
 See chart

Tolerances of tube ID
 +/- 0.05 mm (.002")

Pressure rating
 < 350 bar (5000 psi)

Note
 All Loops will be supplied with SS Hex-Head nuts and SS ferrules for reliable connections

Not recommended for use with halides

High pressure resistance, low permeability

Tech Tip
 We offer nuts in three lengths to facilitate wrench access on valves

For loops frequently replaced we recommend the extra long nut – particularly when space is restricted (see page 50)

PEEK Sample Loops for Rheodyne® Valves

SPECS

Material

Loops: PEEK
Nuts: PEEK
Ferrules: PEEK
Caps: Polyethylene

Dimensions

See chart

Tolerances of tube ID

+/- 0.025 mm (.001")

Note

The tighter ID tolerance of the tubing minimizes the tolerance of the loop volume

All PEEK sample loops will be supplied with PEEK hex-head nuts and PEEK ferrules for reliable connections

This design avoids "twisting" of the tube



C0619

2x JR-5005 + 1 x JR-5510



C0304

PEEK Sample Loops for Rheodyne® Valves

- Fits All Rheodyne® Metal and Metal Free Valves
- Wide Range of Volumes Available
- Biocompatible
- Made from Premium Grade PEEK Tubing

VICI Jour Sample Loops are made from PEEK tubing and fittings. PEEK is a mechanically strong, chemically inert polymer ideal for HPLC applications. Since our PEEK Sample Loops contain no metals or other extractable compounds, no foreign materials will be introduced into the system. Further softener free PE caps are used to avoid the contamination of the tubing.

Our PEEK Sample Loops are particularly well suited for separations involving proteins, peptides, nucleic acids or other samples of biological origin as well as in IC systems where metal traces may interact with ionic samples or release transition metals that may deactivate ion exchange columns.

PEEK Sample Loops for Rheodyne® Valves 1/16" OD

Part No.	Description	bar*	psi*
JR-SLR-2190	1 µL	435	6300
JR-SLR-2191	2 µL	420	6100
JR-SLR-2192	3 µL	420	6100
JR-SLR-2193	4 µL	420	6100
JR-SLR-2194	5 µL	400	5800
JR-SLR-2196	10 µL	400	5800
JR-SLR-2195	20 µL	386	5600
JR-SLR-2200	30 µL	386	5600
JR-SLR-2201	40 µL	386	5600
JR-SLR-2202	50 µL	350	4500
JR-SLR-2204	100 µL	350	4500
JR-SLR-2206	200 µL	240	3500
JR-SLR-2207	250 µL	240	3500
JR-SLR-2210	500 µL	240	3500
JR-SLR-2222	1 mL	240	3500

Other dimensions are available on request. Please contact your local distributor or VICI directly.
* = Recommended maximum permanent working pressure

Spare Parts

Part No.	Description	Qty/pkg
JR-5510-5	Fitting, PEEK, Hex-head long, 10-32, 1/16"	5
JR-5005-5	Single Ferrule, PEEK, 1/16"	5

Stainless Steel Sample Loops for Rheodyne® Valves

Stainless Steel Sample Loops for Rheodyne® Valves

- Fits all Rheodyne valves
- Special loops for valve 7725
- Wide range of volumes available

VICI Jour Stainless Steel Sample Loops are made of high quality SS316 and are cut using an electrolytic cutting process, cleaned with ultrasound and high pres-

sure steam to remove contaminants, dried and capped with softener free caps to avoid the recontamination of the tubing.



Stainless Steel Loops for Rheodyne® Valves 1/16" OD

Part No.	Description
JR-SLR-111	5 µL
JR-SLR-112	10 µL
JR-SLR-113	20 µL
JR-SLR-114	50 µL
JR-SLR-115	100 µL
JR-SLR-116	200 µL
JR-SLR-117	500 µL
JR-SLR-118	1 mL

Other dimensions are available on request. Please contact your local distributor or VICI directly.

Stainless Steel Loops for Rheodyne® Valves No 7725 1/16" OD

Part No.	Description
JR-SLR-111-77	5 µL
JR-SLR-112-77	10 µL
JR-SLR-113-77	20 µL
JR-SLR-114-77	50 µL
JR-SLR-115-77	100 µL
JR-SLR-116-77	200 µL
JR-SLR-117-77	500 µL
JR-SLR-118-77	1 mL

Other dimensions are available on request. Please contact your local distributor or VICI directly.

Spare Parts

Part No.	Description	Qty/pkg
JR-57-5	Nut, SS, long head, Rheodyne® type, for Valve No. 7725	5
JR-58-5	Nut, SS, x-long, Rheodyne® type,	5
JR-59-5	Ferrule, SS, 1/16"	5
JR-60-5	Ferrule, SS, 1/16", 2-step Rheodyne® type	5

SPECS

Material
 Loops: SS316
 Nuts: SS316
 Ferrules: SS316
 Caps: Polyethylene

Dimensions
 See chart

Tolerances of tube ID
 +/- 0.05 mm (.002")

Pressure rating
 < 350 bar (5000 psi)

Note
 All loops will be supplied with Rheodyne® type SS hex-head nuts and SS ferrules for reliable connections

Not recommended for use with halides

High pressure resistance, low permeability

Tech Tip
 We offer nuts in three lengths to facilitate wrench access on valves

For loops frequently replaced we recommend the extra long nut – particularly when space is restricted (see page 51)

All SS loops for Rheodyne® are available with the 2-step SS Ferrule Rheodyne® type on request

SPECS

Dimensions
For nuts with 1/4" and 5/16" head

ValvTool

- Handy tool for the lab
- Tighten nuts with a tube or loop installed
- Fits nuts with 1/4" or 5/16" heads

The new ValvTool is a time-saving device, which will provide easy access to many hard-to-reach areas. The unique design with its slotted wrench allows tightening nuts where a loop or a capillary may otherwise

make it difficult. The ValvTool is the ideal for Valco and Cheminert valves and fittings as well as for most of the SS and PEEK fittings on the market with 1/4" and 5/16" heads.



ValvTool

Part No.	Description
JR-800	ValvTool, 1/4" and 5/16" open wrench