

Syringe Adapters



NEW Zero dead volume fill ports

The ZVISF-1 is a unique fill port fitting designed so that a leaktight seal is formed against the face of the bottom of the fitting detail instead of at the end of an angular ferrule, resulting in a true zero dead volume connection with no carry over or sample loss. The polymer bushing snaps into the knurled PEEK nut, providing the convenience of a one-piece fitting. An ultrathin metal sleeve surrounds and supports the portion of the bushing which extends into the pilot of the fitting detail, preventing the bushing from mushrooming and getting stuck in the pilot as the fitting is tightened.

For use with 22 gauge blunt tip needle.

Description

Prod No

Price

For high pressure 1/16" Cheminert injectors with polymeric stators (C2, C3, C4, and C52 series)

Most applications	PFA bushing	ZVISF-1PFAH
High throughput applications	High density polyethylene bushing	ZVISF-1PEH



For low pressure 1/16" Cheminert injectors, fittings, and most Valco injectors

Most applications	PFA bushing	ZVISF-1PFA
High throughput applications	High density polyethylene bushing	ZVISF-1PE



Fill ports

for 1/16" polymeric Cheminert valves

These fill ports provide direct syringe connections to polymeric valves and fittings. Since the fitting detail in the high pressure Cheminert valve is unique, be sure to order the high pressure version for polymeric HPLC injectors. For use with 22 gauge blunt tip needle.

Description

Prod No

Price

For high pressure injectors (C2, C3, C4, and C52 series injectors)

C-VISF-1H



For fittings and low pressure injectors (C22Z and C62Z series injectors)

C-VISF-1



Replacement liners and ferrules

Liner for C-VISF-1	VISL-1
Liner for C-VISF-1H	VISL-1H
Ferrule for C-VISF-1 (or 1H)	ZF1VISF

Fill ports

for metal Valco and Cheminert valves

Fill ports provide direct syringe connections to valves and fittings, with the polymeric ferrule compressing a liner to seal around the needle. These fill ports are for use with metal valves.

Description

Prod No

Price

For use with blunt tip needle

For 1/16" fittings and injectors - 22 ga VISF-1



For 1/32" fittings and injectors - 26 ga VISF.5FPK



For use with 2" 22 gauge blunt tip needle

For 1/16" fittings and injectors VISF-2
For 1/8" fittings and injectors VISF-A



Replacement liners and ferrules

Liner for VISF-1	VISL-1
Liner for VISF-2 or VISF-A	VISL-2
Ferrule for VISF-1 or VISF-2	ZF1VISF



TECH TIP

When using Cheminert Nanovolume® CN2 injectors and valves, use fill ports designed just for them.



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Syringe Adapters



for Cheminert C2 and C4 valves

Loop fill port assembly



The loop fill port assembly, for use with Cheminert high pressure valves (C2 and C4 series), permits sample loading and manual injection from the front of the valve. It includes an aluminum bracket, two syringe fill ports (for 3/4" or 2" needles), a bulkhead union, and two pieces of stainless tubing: one piece is 0.013" ID with a volume of 7 µl, and the other is 0.50 mm ID and 17 µl.

Description	Prod No	Price
Loop fill port assembly	C-LFP	

Female luer adapters



Female luer adapters provide direct syringe connections to zero dead volume fittings and valves.

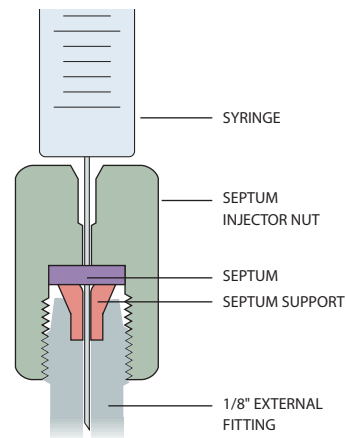
Description	Prod No	Price
Female luer to: 1/32" fitting	ZLA-5	
1/16" fitting	ZLA-1	
1/8" fitting	ZLA-2	

Septum injector nuts



Septum injector nuts are a simple way to provide syringe access to any point of a gas or liquid system. The injector nut includes a Valcon T polyimide septum support which accepts a standard 1/4" GC septum. The nut's 1/8" external fitting detail can connect directly to common external type fittings, or can be adapted to Valco internal fittings using an external/internal union or reducing union.

Description	Prod No	Price
Septum injector nut with support	EN2SI	
Replacement support	ZF2SI	
Septum, low bleed, pka. of 10	SI4G	



Septum injector nut with septum and support (EN2SI)

MORE INFORMATION

External/internal reducing unions . . pg 31
 External/internal unions 27

Cheminert valves

Model C2 158, 161
 Model C4 159, 162

0.25 mm = .010"
0.50 mm = .020"
0.75 mm = .030"
1.0 mm = .040"
1.5 mm = .060"
2.0 mm = .080"
4.6 mm = .180"
6.0 mm = .236"
6.4 mm = .253"
7.0 mm = .275"
10.0 mm = .400"
27.0 mm = 1.08"
1/32" = 0.8 mm
1/16" = 1.6 mm
1/8" = 3.2 mm
1/4" = 6.4 mm
3/8" = 9.5 mm
1/2" = 12.7 mm