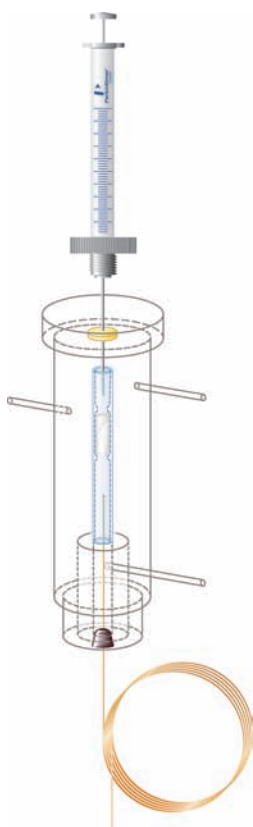


GC Syringes and Ferrules

PerkinElmer offers an **extensive line** of syringes and ferrules to meet all **your application needs**.

Syringes are individually inspected for accuracy and performance. Manufactured for precise liquid delivery, each syringe is engineered to assure maximum accuracy error of $\pm 2\%$. Our ferrule selection includes Graphite, Graphite/Vespel®, Capillary Column and SiTite™ metal nut and ferrule for GC/MS.



- Needle-point style for penetration and pipetting of liquids
- Autosampler syringes available in 0.5, 5, and 50 μL capacities
- Capillary-column ferrules available in Graphite, Graphite/Vespel®, and Vespel®

GAS CHROMATOGRAPHY AUTOSAMPLER SYRINGES

All needles are 70 mm long with a cone-point style.

Fixed Needle

Volume	Needle Spare Gauge (OD mm)	Syringe Part No.	Pack Size
5 μL	26 (0.47)	N6101380	1
5 μL	23 (0.63)	N6101251	1
5 μL Gas Tight	26 (0.47)	N6101389	1
5 μL Gas Tight	23 (0.63)	N6101390	1
50 μL	23 (0.63)	N6101760	1

Removable Needle

Volume	Needle Spare Gauge (OD mm)	Syringe Part No.	Pack Size	Needle Part No.	Spare Pack Size
0.5 μL	26 (0.47)	N6101253	1	N6101470	1*
0.5 μL	23 (0.63)	N6101252	1	N6101469	1*

* Denotes replacement Needle and Plunger kit.

GAS CHROMATOGRAPHY FERRULES

15% Graphite/85% Vespel® Ferrules

For Injectors and Detectors at atmospheric pressure e.g. FID

Column ID	Size of Nut	Ferrule ID	Pack Size	Part No.
0.25 mm	1/16"	0.4 mm	10	09920104
0.32 mm	1/16"	0.5 mm	10	09920105
0.45-0.53 mm	1/16"	0.8 mm	10	09920107
0.45-0.53 mm	1/8"	0.8 mm	10	09920500
1/8" OD Packed Columns	1/8"	1/8"	10	09920133
1/4" OD Packed Columns	1/4"	1/4"	10	09903739
No Hole	1/16"	-	10	09920511

100% Graphite Ferrules

For Injectors and Detectors at atmospheric pressure e.g. FID (Not for GC/MS)

Column ID	Size of Nut	Ferrule ID	Pack Size	Part No.
0.1-0.32 mm	1/16"	0.5 mm	10	09903700
0.1-0.32 mm	1/8"	0.5 mm	10	09903981
0.45-0.53 mm	1/16"	0.8 mm	10	09920141
0.45-0.53 mm	1/8"	0.8 mm	10	09903394
1/8" OD Packed Columns	1/8"	1/8"	10	09903915
1/4" OD Packed Columns	1/4"	1/4"	10	09920140

For more details, call your local representative or visit www.perkinelmer.com/gcsupplies



**SilTite™ Metal Ferrules
For GC/MS Interface Connection (Starter Kit)**

Column ID	Ferrule ID	Pack Size	Part No.
0.1-0.25 mm	0.4 mm	10**	N9306090
0.32 mm	0.5 mm	10**	N9306091
0.53 mm	0.8 mm	10**	N9306042

**Replacement SilTite™ Ferrules
For GC/MS Interface Connection**

Column ID	Size of Nut	Ferrule ID	Pack Size	Part No.
0.1-0.25 mm	–	0.4 mm	10	N9306093
0.32 mm	–	0.5 mm	10	N9306094
0.53 mm	–	0.8 mm	10	N9306095
Replacement SilTite™ Nuts	–	–	5	N9306096
Graphite Vespel® 0.32 (2 hole)	1/8"	0.8 mm	–	N9306097

** Includes 10 ferrules, 2 SilTite™ nuts.

The metal SilTite™ ferrule and nut are manufactured from the same material and will therefore not expand and contract at different coefficient rates. The base of the SilTite™ ferrule forms a perfect seal with the MS interface, covering the whole transfer interface. SilTite™ metal ferrules have a temperature limit well above the temperature capacity of the injector, MS interface or GC oven.

**For more details, call your local representative
or visit www.perkinelmer.com/gcsupplies**



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