



GC Supplies - PerkinElmer Instrument Quick Pick Guide

- Syringes
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- O-rings
- Ferrules
- SilTite™ FingerTite Ferrules



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Instrument Quick Pick for PerkinElmer

Autosampler Syringes

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

PerkinElmer AutoSystem



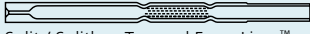
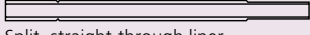
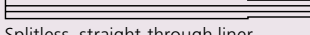
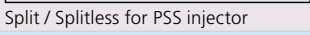


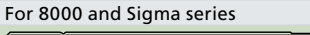

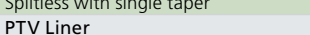
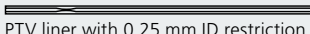
Volume	Needle Gauge (OD mm)	Syringe Code	Syringe Part No.	Pack Size	Spare Needle Part No.	Pack Size	Spare Plunger Part No.	Pack Size
Fixed Needle								
5 µL	26 (0.47)	5F-PE-0.47C	001953	1	–	–	–	–
5 µL	23 (0.63)	5F-PE-0.63C	001954	1	–	–	–	–
5 µL Gas Tight	26 (0.47)	5F-PE-GT-0.47C	001955	1	–	–	031807	2
5 µL Gas Tight	23 (0.63)	5F-PE-GT-0.63C	001957	1	–	–	031807	2
50 µL	23 (0.63)	50F-PE-0.63C	004670	1	–	–	–	–
Removable Needle								
0.5 µL	26 (0.47)	0.5BR-PE-0.47C	000475	1	033750	1**	–	–
0.5 µL	23 (0.63)	0.5BR-PE-0.63C	000478	1	033765	1**	–	–

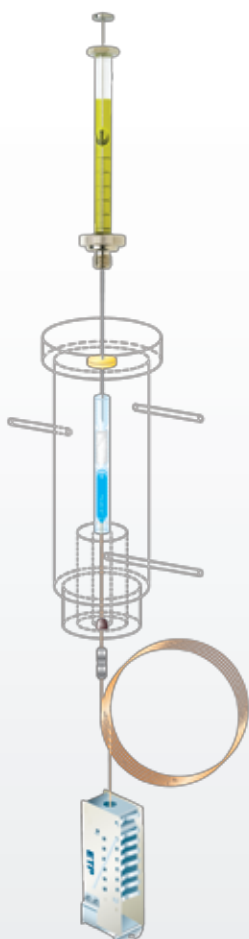
**Denotes spare Needle and Plunger kit.

Septa

Instrument	Diameter	Septum Type	Pack Size	Part No.
PerkinElmer				
Sigma, 900, 990, 8000series, AutoSystem & Clarus	11	CS	50	041826
	11	TCS	50	041846
	11	TCS Pre-drilled	50	041856
	11	Auto-Sep™	25	041872
	11	Auto-Sep T™	25	041882
	11	Auto-Sep T™	100	041883
	11	HT	25	041898
	11	EE	25	041902

Inlet Liners

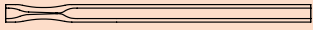
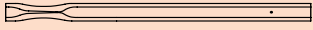
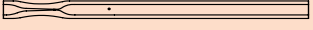
Description and Geometry Sketch	OD (mm)	ID (mm)	Length (mm)	Pack Size	Part No.
For AutoSystem & Clarus 500, 600					
 Split / Splitless Single Taper liner	6.2	4	92	1	09209901
				5	0920990
				25	092099025
 Split / Splitless FocusLiner™	6.2	4	92	1	09209201
				5	092092
				25	09209225
 Split / Splitless Tapered FocusLiner™	6.2	4	92	1	09209501
				5	092095
				25	09209525
 Split, straight-through liner	6.2	4	92	1	09210001
				5	092100
				25	09210025
 Splitless, straight-through liner	6.2	2	92	1	09210301
				5	092103
				25	09210301
 Split / Splitless for PSS injector	4	2	86.2	1	09209801
				5	092098
				25	09209801
 Split / Splitless FocusLiner™ for PSS injector	4	2	86.2	1	09210101
				5	092101
				25	09210101
 Large Volume Injection (LVI) liner for PSS injector, sintered glass	4	2	86.2	1	09224401
				5	092244
				25	09224401
 Packed Column liner	6	3	112	1	09223601
				5	092236
				25	09223601
For 8000 and Sigma series					
 Split / Splitless	5	3	100	1	09209101
				5	092091
				25	09209101
 Splitless with single taper	5	2	100	1	09209401
				5	092094
				25	09209401
PTV Liner					
 PTV liner with 0.25 mm ID restriction (recessed gooseneck)	2	1	88	1	09209701
				5	092097



- Taper / Gooseneck
- FocusLiner™
- Taper Focus
- ConnecTite
- Straight
- Double Taper
- PTV/LVI

Instrument Quick Pick for PerkinElmer

Inlet Liners Continued

Description and Geometry Sketch	OD (mm)	ID (mm)	Length (mm)	Pack Size	Part No.
For AutoSystem Injectors					
 ConnectTite Liner Standard	6.2	4	92	1	09234401
				5	092344
 ConnectTite Liner Top Hole	6.2	4	92	1	09234501
				5	092345
 ConnectTite Liner Bottom Hole	6.2	4	92	1	09234601
				5	092346

O-rings

Description	Usage	Pack Size	Part No.
Viton O-Ring	Can be used at temperatures up to 300 °C. For use with 6.2 mm OD liners.	10	0726536
Graphite Vespel Sealing Ring for PSS system	Can be used at temperatures up to 325 °C. For use with 4mm OD liners	10	0726522

Ferrules

Instrument	Column ID	Size of Nut	Ferrule ID	Pack Size	Part No.
15% Graphite / 85% Vespel® Ferrules					
For Injectors & Detectors at atmospheric pressure e.g. FID	0.1-0.25 mm	1/16"	0.4 mm	10	072663
	0.1-0.25 mm	1/8"	0.4 mm	10	0726703
	0.32 mm	1/16"	0.5 mm	10	072654
	0.32 mm	1/8"	0.5 mm	10	0726702
	0.45-0.53 mm	1/16"	0.8 mm	10	072655
	0.45-0.53 mm	1/8"	0.8 mm	10	072671
	1/8" OD Packed Columns	1/8"	1/8"	10	072669
	1/4" OD Packed Columns	1/4"	1/4"	10	072667
100% Graphite Ferrules					
For Injectors & Detectors at atmospheric pressure e.g. FID (Not for GC-MS)	0.1-0.32 mm	1/16"	0.5 mm	10	072627
	0.1-0.32 mm	1/8"	0.5 mm	10	072624
	0.45-0.53 mm	1/16"	0.8 mm	10	072626
	0.45-0.53 mm	1/8"	0.8 mm	10	0726280
	1/8" OD Packed Columns	1/8"	1/8"	10	072622
	1/4" OD Packed Columns	1/4"	1/4"	10	072621
SilTite™ Metal Ferrules					
For GC-MS Interface Connection (Starter Kit)	0.1-0.25 mm	–	0.4 mm	10*	073200
	0.32 mm	–	0.5 mm	10*	073201
	0.53 mm	–	0.8 mm	10*	073202
Replacement SilTite™ Ferrules					
For GC-MS Interface Connection	0.1-0.25 mm	–	0.4 mm	10	073220
	0.32 mm	–	0.5 mm	10	073221
	0.53 mm	–	0.8 mm	10	073222
	1/32"	–	0.81 mm	10	073219
Replacement SilTite™ Nuts	–	–	5	–	073224

*Includes 10 ferrules, 2 SilTite™ nuts.

SilTite™ FingerTite Ferrules

Description	Column ID	Ferrule ID (mm)	Pack Size	Part No.	
PerkinElmer					
SilTite™ FingerTite™ PerkinElmer Injector/GC-MS Starter Kit	0.1-0.25 mm	0.4	*	073623	
SilTite™ FingerTite™ PerkinElmer Injector FID Starter Kit	0.1-0.25 mm	0.4	*	073622	
SilTite™ FingerTite™ Ferrule 0.4 mm	Replacement Items	0.1-0.25 mm	0.4	10	073630
SilTite™ FingerTite™ Ferrule 0.5 mm	Replacement Items	0.32 mm	0.5	10	073631
SilTite™ FingerTite™ Ferrule Blanking	Replacement Items	–	–	2	073633
SilTite™ FingerTite™ Female Nut	Replacement Items	–	–	5	073636

* Each starter kit includes all the parts necessary to convert one GC system (one injector and one detector) to the SilTite™ FingerTite system suitable for installing 0.1 – 0.25 mm ID capillary columns. In addition there are 5 SilTite™ FingerTite nuts, one packet (10 ferrules) of 0.4 mm ID SilTite™ FingerTite ferrules and a ferrule install tool which allows you to seat the ferrule in the correct position on the capillary column.

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