



## GC Supplies - PerkinElmer Instrument Quick Pick Guide

- Syringes
- Septa
- Inlet Liners
- 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

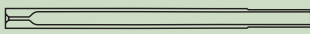
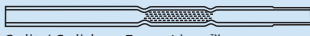
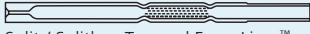
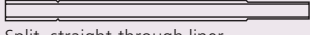
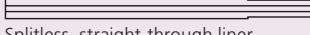
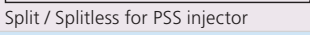
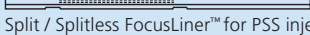

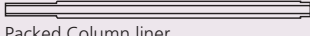
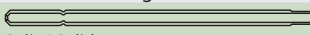
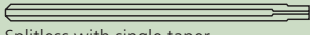
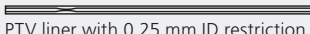
Volume	Needle Gauge (OD mm)	Syringe Code	Syringe Part No.	Pack Size	Spare Needle Part No.	Pack Size	Spare Plunger Part No.	Pack Size
<b>Fixed Needle</b>								
5 µL	26 (0.47)	5F-PE-0.47C	001953	1	–	–	–	–
5 µL	23 (0.63)	5F-PE-0.63C	001954	1	–	–	–	–
5 µL Gas Tight	26 (0.47)	5F-PE-GT-0.47C	001955	1	–	–	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	–	–	–	–
<b>Removable Needle</b>								
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**	–	–

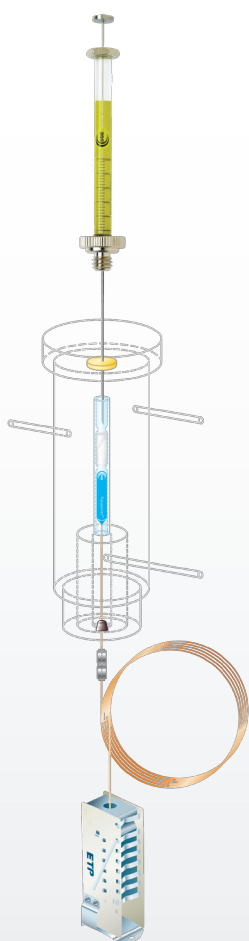
\*\*Denotes spare Needle and Plunger kit.

## Septa

Instrument	Diameter	Septum Type	Pack Size	Part No.
<b>PerkinElmer</b>				
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	EC	25	041902

## Inlet Liners

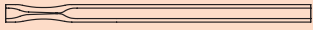
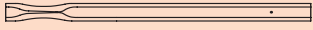
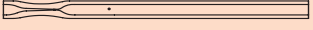
Description and Geometry Sketch	OD (mm)	ID (mm)	Length (mm)	Pack Size	Part No.
<b>For AutoSystem &amp; Clarus 500, 600</b>					
 Split / Splitless Single Taper liner	6.2	4	92	1	09209901
				5	0920990
				25	092099025
 Split / Splitless FocusLiner™	6.2	4	92	1	09209201
				5	092092
				25	09209225
 Split / 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	09210325
 Split / Splitless for PSS injector	4	2	86.2	1	09209801
				5	092098
				25	09209825
 Split / Splitless FocusLiner™ for PSS injector	4	2	86.2	1	09210101
				5	092101
				25	09210125
 Large Volume Injection (LVI) liner for PSS injector, sintered glass	4	2	86.2	1	09224401
				5	092244
				25	09224425
 Packed Column liner	6	3	112	1	09223601
				5	092236
				25	09223625
<b>For 8000 and Sigma series</b>					
 Split / Splitless	5	3	100	1	09209101
				5	092091
				25	09209125
 Splitless with single taper	5	2	100	1	09209401
				5	092094
				25	09209425
<b>PTV Liner</b>					
 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.
<b>For AutoSystem Injectors</b>					
 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.
<b>15% Graphite / 85% Vespel® Ferrules</b>					
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
<b>100% Graphite Ferrules</b>					
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
<b>SilTite™ Metal Ferrules</b>					
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
<b>Replacement SilTite™ Ferrules</b>					
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.	
<b>PerkinElmer</b>					
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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