

## Electron Multipliers

MS Description	Analyzer Type	Technique	Part No.
DSQ (Replacement multiplier)	Quadrupole	GC-MS	14633
Polaris-Q (Replacement multiplier only)	Ion Trap	GC-MS	14633
ITQ (Replacement multiplier only)	Ion Trap	GC-MS	14633
ISQ (Replacement multiplier only)	Quadrupole	GC-MS	14633

GC Supplies

## Instrument Quick Pick for Varian / Bruker

### Autosampler Syringes

Varian / Bruker

Volume	Length	Needle Gauge (OD mm)	Tip Style	Syringe Code	Syringe Part No.	Pack Size	Needle Part No.	Pack Size	Plunger Part No.	Pack Size
<b>Varian/Bruker 8035, 8100 and 8200</b>										
<b>Fixed Needle</b>										
10 µL Gas Tight	53	25 (0.5)	S/Hole	10F-GT-VA8X-II	002923	1	-	-	031218	1
<b>Removable Needle</b>										
1 µL*	51	26 (0.47)	Cone	1BR-VA8X	000655	1	034720	1**	-	-
10 µL Gas Tight	53	25 (0.5)	S/Hole	10R-GT-VA8X-II	002924	1	037777	1	031218	1
<b>Needle Alternatives for P/N 002924</b>										
	50	25 (0.5)	Bevel	N10-VA8035-II	-	1	037776	2	-	-
	105	-	OC	N10-VA8035-0.17-II	-	1	037778	2	-	-
	53	23 (0.63)	S/Hole	N10-VA8X00H-0.63-II	-	1	037779	2	-	-
	53	25 (0.5)	S/Hole	N10-VA800H-II(0.2)	-	1	037780	1	-	-
100 µL Gas Tight	53	25 (0.5)	S/Hole	100R-GT-VA8X	005921	1	038745	1	031824	1
<b>Varian/Bruker CP-8400/8410, CP-9010/9050</b>										
<b>Fixed Needle</b>										
10 µL	50	26 (0.47)	Bevel	10F-VA8400-5/0.47	002950	1	-	-	-	-
10 µL	50	23 (0.63)	Cone	10F-C/T-5/0.63C	002981	1	-	-	-	-
<b>Removable Needle</b>										
10 µL	50	26 (0.47)	Cone	10R-C/T-5/0.47C	002982	1	037785	2	-	-

\*Not suitable for 8200 autosampler. \*\*Denotes Plunger and Needle Kit.

### Septa

Instrument	Diameter	Septum Type	Pack Size	Part No.
<b>Varian/Bruker</b>				
1177 Injector	9	CS	50	041824
	9	TCS	50	041844
	9	TCS Pre-drilled	50	041854
	9	Auto-Sep T™	25	041879
	9	HT	25	041896
	9	EC	25	041900
1040, 1041, 1060 & 1061 Injectors	9.5	CS	50	0418240
	9.5	TCS	50	0418440
	9.5	TCS Pre-drilled	50	0418540
	9.5	Auto-Sep™	25	041871
	9.5	Auto-Sep T™	25	041880
	9.5	HT	25	041897
9.5	EC	25	041901	

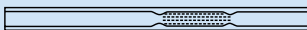

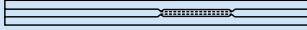
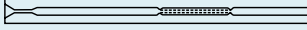


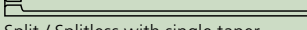
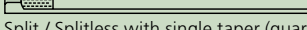
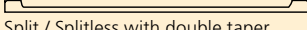
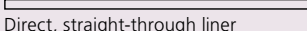
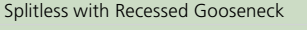
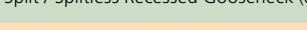




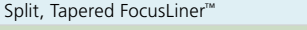
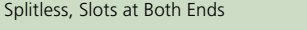
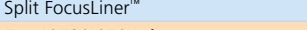

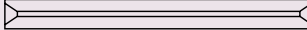
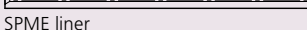


Varian / Bruker

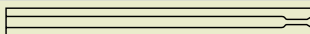
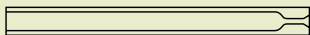


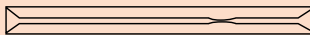
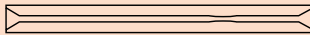
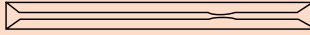
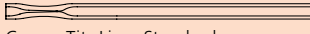
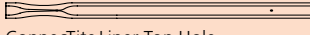
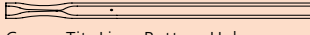
## Inlet Liners

GC Supplies

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

Description and Geometry Sketch	OD (mm)	ID (mm)	Length (mm)	Pack Size	Part no.
<b>For 1177 Injector</b>					
 Split / Splitless FocusLiner™	6.3	4	78.5	1	09200201
				5	092002
				25	092219
 Split / Splitless Tapered FocusLiner™	6.3	4	78.5	1	09221901
				5	092003
				25	092011
 Split / Splitless FAST FocusLiner™	6.3	2.3	78.5	1	09200501
				5	092005
				25	092008
 Split / Splitless Tapered FAST FocusLiner™	6.3	2.3	78.5	1	09211101
				5	092111
				25	092115
 Split, straight-through liner	6.3	4	78.5	1	09200701
				5	092007
				25	092222
 Split, with quartz wool	6.3	4	78.5	1	09200101
				5	092001
				25	092220
 Split / Splitless with single taper	6.3	4	78.5	1	09201701
				5	092017
				25	092229
 Split / Splitless with single taper (quartz wool)	6.3	4	78.5	1	09201901
				5	092019
				25	092218
 Split / Splitless with double taper	6.3	4	78.5	1	09201801
				5	092018
				25	092230
 Direct, straight-through liner	6.3	1.2	78.5	1	09201601
				5	092016
				25	092224
 Splitless with Recessed Gooseneck	6.3	2	78.5	1	09201301
				5	092013
 Split / Splitless Recessed Gooseneck (quartz wool)	6.3	4	78.5	1	09201001
				5	092010
				25	092223
<b>For 1075/1077 Injector</b>					
 Split, FAST FocusLiner™	6.3	2.3	72	1	09211301
				5	092113
 Split with Quartz Wool	6.3	4	72	1	09202101
				5	092021
				25	0922125
 Split FocusLiner™ with Top-end Restriction	6.3	4	72	1	09202801
				5	092028
 Splitless FocusLiner™ with Top-end Restriction	6.3	4	74	1	09202601
				5	092026
 Split, Tapered FocusLiner™	6.3	4	72	1	09202501
				5	092025
 Splitless, Slots at Both Ends	6.3	2	74	1	09202401
				5	092024
				25	092228
 Split FocusLiner™	6.3	4	72	1	09202201
				5	092022
<b>For 1078/1079 Injector</b>					
 Sintered Glass, Large Volume Injection (LVI) Liner	5	1.8/3.4	54	1	09224501
				5	092245
				25	09224525
 Straight-through Liner	5	0.5	54	1	09203101
				5	092031
 SPME liner	5	0.75	54	1	09211701
				5	092117



	5	2	54	1	09203901
Splitless with Single Taper				5	092039
	5	3.4	54	1	09203801
Split / Splitless with single taper				5	092038
				25	09203825
	5	3.4	54	1	09203701
Split / Splitless FocusLiner™				5	092037
				25	09203725
	5	3.4	54	1	09203601
Split / Splitless Tapered FocusLiner™				5	092036
				25	09203625
<b>For 1093/1094 Injector</b>					
	4.6	0.5	54	1	09202701
ConnectTite SPI Liner, (Restriction = 0.25 mm)				5	092027
	4.6	0.8	54	1	09203401
ConnectTite SPI Liner, (Restriction = 0.5 mm) for 0.53 mm ID On-column				5	092034
				25	09203425
	4.6	0.8	54	1	09203001
ConnectTite SPI Liner, (Restriction = 0.25 mm)				5	092030
<b>For 1075/1079 Injector</b>					
	6.3	4	72	1	09233901
ConnectTite Liner Standard				5	092339
	6.3	4	72	1	09234001
ConnectTite Liner Top Hole				5	092340
	6.3	4	72	1	09234101
ConnectTite Liner Bottom Hole				5	092341

## O-rings and Sealing Rings

Description	Usage	Pack Size	Part No.
Viton O-Ring for 1177 Injector	Can be used at temperatures up to 300 °C.	10	0726532
Graphite Sealing Ring for 1075 & 1077 Injectors		10	072601
Graphite Sealing Ring for 1078 & 1079 Injectors		10	0726217

## Ferrules

Instrument	Column ID	Ferrule ID	Pack Size	Part No.
<b>15% Graphite / 85% Vespel® Ferrules</b>				
For GC-MS & Detectors at atmospheric pressure e.g. FID	0.1-0.25 mm	0.4 mm	10	072663
	0.32 mm	0.5 mm	10	072654
	0.53 mm	0.8 mm	10	072655
Packed Columns	1/8" OD Packed Columns	1/8"	10	072669
	1/4" OD Packed Columns	1/4"	10	072667
<b>100% Graphite Ferrules</b>				
For Injectors & Detectors at atmospheric pressure e.g. FID	0.1-0.32 mm	0.5 mm	10	072627
	0.45-0.53 mm	0.8 mm	10	072626
	1/8" OD Packed Columns	1/8"	10	072622
	1/4" OD Packed Columns	1/4"	10	072621
<b>SilTite™ Metal Ferrules</b>				
For GC-MS Interface Connections (Starter Kit)	0.1-0.25 mm	0.4 mm	10*	073300
	0.32 mm	0.5 mm	10*	073301
	0.53 mm	0.8 mm	10*	073302
	1/32"	0.81 mm	10*	073303
<b>Nuts for Varian Injector</b>			2	1034060

\* Includes 10 ferrules, 2 SilTite™ nuts.



Varian / Bruker

## Ferrules Continued

Instrument	Column ID	Ferrule ID	Pack Size	Part No.
<b>Replacement SilTite™ Ferrules</b>				
For GC-MS Interface Connections	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
<b>Replacement SilTite™ Nuts</b>				
			5	073231

\*Includes 10 ferrules, 2 SilTite™ nuts.

GC Supplies

## SilTite™ FingerTite Ferrules

Description	Column ID	Ferrule ID (mm)	Pack Size	Part No.
<b>Varian/Bruker</b>				
Injector/GC-MS	0.1-0.25 mm	0.4	*	073619
Injector/FID	0.1-0.25 mm	0.4	*	073618
Ferrule 0.4 mm	0.1-0.25 mm	0.4	10	073630
Ferrule 0.5 mm	0.32 mm	0.5	10	073631
Ferrule Blanking	–	–	2	073633
Female Nut	–	–	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.

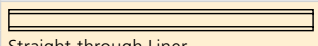
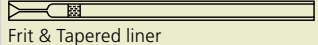
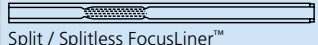
## Electron Multipliers

MS Description	Analyzer Type	Technique	Part No.
Saturn (Pre-2000)	Ion trap	GC-MS	14138
Saturn 2000, 2100 & 2200	Ion trap	GC-MS	14147

## Instrument Quick Pick for ATAS Optic Injectors

ATAS

## Inlet Liners

Description and Geometry Sketch	OD (mm)	ID (mm)	Length (mm)	Pack Size	Part No.
 Straight-through Liner	5	3	81	1	0922701
				5	092270
 Frit & Tapered liner	5	3	81	1	09227301
				5	092273
 Split / Splitless FocusLiner™	5	3	81	1	09227201
				5	092272