

## Septum Nut

Septum nut provides consistent septum tightness, fewer bent needles, and easy leak detection. The nut contains a needle guide, ensuring that the needle consistently penetrates the septum in the same place, prolonging septum life. The guide also prevents the needle from striking the edge of the column or bending during insertion.



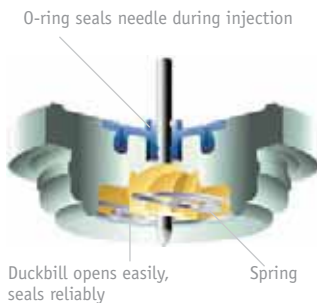
### Septum Nuts for Varian GCs

- Ensure a leak-tight injection port, increase septum lifetime, and decrease maintenance requirements.
- Needle guide allows easy penetration and prevents septum coring.
- Manual injection septum nut allows use of 23-gauge needles for on-column injections.
- Made of high-quality stainless steel.

#### Ordering Information

Description	QTY	Varian No.	Part No.
<b>Septum Nut for Varian</b>			
Septum Nut (for 23-Gauge Needles)	1	03-949666-01	063B-0011

## Merlin Microseal™ Kit



The Merlin Microseal™ Septum is a long-life replacement for the standard septum on the Capillary Inlet System or the Purged-Packed Inlet System of Varian GC (not useable with the non-purged packed column inlet system). The Merlin Microseal™ is a patented dual-seal inlet assembly featuring an O-ring and “duckbill” seal. Because the syringe needle does not pierce any septum material, seal lifetime is typically greater than one year with normal GC use. Complete Kit includes the nut, two Microseal™ septa, and a PTFE liner.

The Varian kit adapts Varian Model 1078 and 1079 inlets system with SPME injectors for use with a Merlin Microseal™ Septum replacing conventional septum. It is much more abrasion resistant than conventional septum and will not shed particles into the injector port liner during use. This virtually eliminates the contamination of the inlet with septum particles, which produce septum bleed, and “ghost peaks” and may adsorb sensitive sample components.

Microseal™ Septa has a lifetime of more than 2,000 injections depending on samples and operating condition. The Microseal™ Septum last longest when a syringe needle with a truncated cone shaped tip is used. It may also be used with the standard 0.63mm diameter (0.026”, 23-gauge) needle. A sharp pointed or beveled syringe needle should not be used as it will cut or pierce the duckbill seal. Pressure ranges from 0 to 100 psi and injection port temperature up to 325 °C. Easy installation on Varian GCs.



#### Ordering Information

Description	QTY	Varian No.	Part No.
<b>Microseal Septa Kit, Varian 1078/1079</b>			
Standard kit (nut and 1 septum)	1		063B-0021
Replacement septum	1		063B-0031
<b>Microseal Septa Kit, Varian 1177</b>			
Standard kit (nut and 1 septum)	1		063B-0041
Replacement septum	1		063B-0031

## Septa



063C-0018



063C-0028



063C-0038

### Premium CenterGuide™ Septa

Premium CenterGuide™ septa are premium silicone rubber precision molded for a more accurate fit in the injection port than inferior stamped septa. A small recess, the “CenterGuide”, is added in the center of the disk, as well as a small indentation around the outside diameter. The CenterGuide focuses the needle to the same point for each injection providing easy penetration, reduced needle bending and minimizing coring. The proprietary cleaning process after molding is used to provide lowest bleed. Premium septa offer the longest average injection lifetime at the highest injection port temperatures. Septa are carefully processed, then packaged in glass vials.

- **BTO® - Bleed and Temperature Optimized** - For highest temperature use, with lowest bleed and outstanding injection life. Ideal for use with “Mass Spec” capillary columns.
- **Marathon™** - For long injection life, minimal coring. Soft, 45 durometer, easy on autosampler
- **Advanced Green 3™** - Long life, plasma coating eliminates sticking in the injection port

### General Purpose Septa

General Purpose Septa are made from an enhanced injection-molded silicone rubber material. The septa material is specified to withstand over 200 automatic injections.

- **Ultrasep® R** septa are good low-bleed with a temperature setpoint of 350°C.
- **Economy Blue** Septa are designed for non-demanding, routine applications. Maximum temperature setpoint is 250°C.

Selection Guide	
Varian	Diameter
1040	9.5mm
1041	9.5mm
1060	9.5mm
1061	9.5mm
1075	11.5mm
1077	11.5mm
1078	11.5mm
1079	11.5mm
1093	11.5mm
1094	11.5mm
1177	9mm

Specification					
Septa	Temp Max	Color	Injections	Durometer*	Low Bleed
BTO	400°C	Red	>300	50-55	Excellent
Marathon	350°C	Brick red	>400	45-50	Good
Advanced Green 3	350°C	Green	>350	55-60	Very good
Ultrasep R	350°C	Red	>200	45-55	Good
Economy Blue	250°C	Blue	>200	40-45	Good

\* Durometer : Hardness of the silicone material. The lower the number, the softer the material.

Ordering Information			
Description	QTY	Varian No.	Part No.
<b>Varian 1040/1041/1060/1061</b>			
BTO 9.5mm(3/8")	50	8010-0219	063C-0018
Marathon 9.5mm(3/8")	50	8010-0235	063C-0028
Advanced Green 9.5mm(3/8")	50	8010-0203	063C-0038
Ultrasep R 9.5mm(3/8")	50		063C-0048
Economy Blue 9.5mm(3/8")	50		063C-0058
<b>Varian 1075/1077/1078/1079/1093/1094</b>			
BTO 11.5mm	50	8010-0225	063C-0068
Marathon 11.5mm	50	8010-0241	063C-0078
Advanced Green 11.5mm	50	8010-0209	063C-0088
<b>Varian 1177</b>			
BTO 9mm	50	8010-0217	063C-0098
Marathon 9mm	50	8010-0233	063C-0108
Advanced Green 9mm	50	8010-0201	063C-0118



## Liners



### Vertical® GC Liners

The Vertical® GC liners are made of borosilicate glass and designed to obtain the maximum performance to ensure no loss of sample and accurate quantitation of thermally labile or reactive compounds.

- Wide selection ranges
- Fit standard instrument manufacturer's inlets
- High temperature deactivation to ensure inertness

### SGE® FocusLiner™ GC Liners

The SGE® FocusLiner™ overcomes the quartz wool shifting problem. The quartz wool is held in the correct position by means of two tapered sections in the liner. The tapered sections are located to ensure that the needle tip penetrates the secured quartz wool plug wiping any residue liquid sample from the needle tip while providing sufficient surface area for volatilisation. With the SGE FocusLiner™, a good RSD is easily achievable showing the effectiveness of the secured quartz wool.

### Liner O-Rings

- Viton O-rings can be used to 200°C with low bleed and good durability.
- Graphite O-rings can be used to 450°C with non bleed and superb durability.

Ordering Information						
Description, ID, OD and Length	Diagram	Application	QTY	Varian No.	Part No.	
<b>Vertical® GC Liners for Varian 1075/1077</b>						
Splitless, Gooseneck 2mmID, 6.3mmOD, 74mmLength		trace analytes < 2µL	5	190010905	063G-0015	
			25		063G-0017	
Split, Gooseneck 4mmID, 6.3mmOD, 72mmLength		trace analytes > 2µL	5	392611942	063G-0025	
			25	SG092022	063G-0027	
Split, Gooseneck, w/Wool 4mmID, 6.3mmOD, 72mmLength		trace analytes > 2µL	5		063G-0035	
			25		063G-0037	
Split, Gooseneck, w/Frit 4mmID, 6.3mmOD, 72mmLength		dirty samples non-active	5	190010903	063G-0045	
			25		063G-0047	
Split, w/Laminar Cap 4mmID, 6.3mmOD, 72mmLength		high MW analytes	5		063G-0055	
			25		063G-0057	
Split, w/Baffle 4mmID, 6.3mmOD, 72mmLength		Close BP Compounds	5	190010904	063G-0065	
			25		063G-0067	
<b>SGE® FocusLiner™ GC Liners for Varian 1075/1077</b>						
Split, w/Wool 2mmID, 6.3mmOD, 74mmLength		trace analytes < 2µL	5		063G-0075	
			25		063G-0077	
Split, w/Wool 4mmID, 6.3mmOD, 72mmLength		trace analytes > 2µL	5	SG092022	063G-0085	
			25		063G-0087	
Split, Gooseneck, w/Wool 4mmID, 6.3mmOD, 72mmLength		trace analytes > 2µL	5	SG092028	063G-0095	
			25		063G-0097	
Split, Tapered, w/Wool 4mmID, 6.3mmOD, 72mmLength		trace analytes > 2µL	5	SG092025	063G-0105	
			25		063G-0107	
<b>Liner O-Rings</b>						
Viton O-rings for Split (6.3mmOD) or Splitless (6.5mmOD) Liners			10	8850103100	063G-0146	
Graphite O-rings for Split (6.3mmOD) Liners			10	392611935	063G-0156	
Graphite O-rings for Splitless (6.5mmOD) Liners			10	392611940	063G-0166	

# Varian Supplies/Parts

Ordering Information						
Description, ID, OD and Length	Diagram	Application	QTY	Varian No.	Part No.	
<b>Vertical® GC Liners for Varian 1078/1079</b>						
SPME, Straight-Through 0.8mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25	392611948	063G-0115 063G-0117	
Splitless, Straight-Through 0.5mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25	392611949	063G-0125 063G-0127	
Splitless, Gooseneck 2.0mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25	392611947	063G-0135 063G-0137	
Split, Gooseneck 3.4mmID, 5mmOD, 54mmLength		trace analytes > 2µL	5 25	392611945	063G-0145 063G-0147	
Split, Gooseneck, w/Frit 3.4mmID, 5mmOD, 54mmLength		dirty sample non-active	5 25	392611946	063G-0155 063G-0157	
Split/Splitless, Gooseneck, w/Wool 2.0mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25	392611953	063G-0165 063G-0167	
<b>SGE® FocusLiner™ GC Liners for Varian 1078/1079</b>						
Direct, Staright-Through 0.5mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25		063G-0175 063G-0177	
LVI, Gooseneck, Sintered Glass 1mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25	SG092245	063G-0185 063G-0187	
Split/Splitless, w/Wool 3.4mmID, 5mmOD, 54mmLength		trace analytes > 2µL	5 25	SG092037	063G-0195 063G-0197	
Split/Splitless, Gooseneck 3.4mmID, 5mmOD, 54mmLength		trace analytes > 2µL	5 25	SG092038	063G-0205 063G-0207	
Split/Splitless, Tapered, w/Wool 3.4mmID, 5mmOD, 54mmLength		trace analytes > 2µL	5 25	SG092036	063G-0215 063G-0217	
Splitless, Gooseneck 2mmID, 5mmOD, 54mmLength		trace analytes < 2µL	5 25	SG092039	063G-0225 063G-0227	
<b>Vertical® GC Liners for Varian 1093/1094 SPI</b>						
SPI, Direct, Taper, 0.8mmID, 4.6mmOD, 54mmLength		trace analytes < 2µL	5 25	392611950	063G-0235 063G-0237	
SPI, For 0.25-0.32mmID Columns, 0.8mmID, 4.6mmOD, 54mmLength		trace analytes < 2µL	5 25	190010906	063G-0245 063G-0247	
SPI, For 0.53mmID Columns, 0.8mmID, 4.6mmOD, 54mmLength		trace analytes < 2µL	5 25	190010907	063G-0255 063G-0257	
<b>SGE® GC Liners for Varian 1093/1094 SPI</b>						
SPI, Direct, Taper, 0.5mmID, 4.6mmOD, 54mmLength		trace analytes < 2µL	5 25	SG092027	063G-0265 063G-0267	
SPI, For 0.25-0.32mmID Columns, 0.8mmID, 4.6mmOD, 54mmLength		trace analytes < 2µL	5 25	SG092030	063G-0275 063G-0277	
SPI, For 0.53mmID Columns, 0.8mmID, 4.6mmOD, 54mmLength		trace analytes < 2µL	5 25	SG092034	063G-0285 063G-0287	
<b>Liner O-Rings</b>						
Viton O-rings for Split (6.3mmOD) or Splitless (6.5mmOD) Liners			10	8850103100	063G-0146	
Graphite O-rings for Split (6.3mmOD) Liners			10	392611935	063G-0156	
Graphite O-rings for Splitless (6.5mmOD) Liners			10	392611940	063G-0166	

# Varian Supplies/Parts

Ordering Information					
Description, ID, OD and Length	Diagram	Application	QTY	Varian No.	Part No.
<b>Vertical® GC Liners for Varian 1177</b>					
Direct, Straight-Through 1mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392611999	063G-0295 063G-0297
Split, Cup-Splitter, w/Wool 4mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392611932	063G-0305 063G-0307
Split, Cup-Splitter, 4mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392611931	063G-0315 063G-0317
Split, Straight-Through, w/Wool 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	392611934	063G-0325 063G-0327
Split/Splitless, Gooseneck, 2mmID, 6.5mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392611926	063G-0335 063G-0337
Splitless, Straight-Through, w/Wool 2mmID, 6.5mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392599903	063G-0345 063G-0347
Splitless, Straight-Through, 2mmID, 6.5mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392611924	063G-0355 063G-0357
Splitless, Double-Gooseneck, 4mmID, 6.5mmOD, 78.5mmLength		trace analytes < 2µL	5 25	392611929	063G-0365 063G-0367
Splitless, Gooseneck, w/Silica Wool 4mmID, 6.5mmOD, 78.5mmLength		trace analytes > 2µL	5 25	392611928	063G-0375 063G-0377
Splitless, Gooseneck, w/Glass Wool 4mmID, 6.5mmOD, 78.5mmLength		trace analytes > 2µL	5 25	392611936	063G-0385 063G-0387
Splitless, Gooseneck, 4mmID, 6.5mmOD, 78.5mmLength		trace analytes > 2µL	5 25	392611927	063G-0395 063G-0397
Splitless, Straight-Through, w/Wool 4mmID, 6.5mmOD, 78.5mmLength		trace analytes > 2µL	5 25	392611937	063G-0405 063G-0407
Splitless, Straight-Through 4mmID, 6.5mmOD, 78.5mmLength		trace analytes > 2µL	5 25	392611925	063G-0415 063G-0417
<b>SGE® GC Liners for Varian 1177</b>					
Direct, Straight-Through 1.2mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	SG092016	063G-0425 063G-0427
Split, Straight-Through, w/Wool 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092001	063G-0435 063G-0437
Split, Straight-Through, 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092007	063G-0445 063G-0447
Split/Splitless, Fast, FocusLiner 2.3mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	SG092005	063G-0455 063G-0457
Split/Splitless, Tapered, FocusLiner 2.3mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	SG092111	063G-0465 063G-0467
Split/Splitless, Double Gooseneck 4mmID, 6.3mmOD, 78.5mmLength		trace analytes < 2µL	5 25	SG092018	063G-0475 063G-0477
Split/Splitless, FocusLiner 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092002	063G-0485 063G-0487
Split/Splitless, Gooseneck, w/Wool 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092019	063G-0495 063G-0497
Split/Splitless, Gooseneck, 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092017	063G-0505 063G-0507
Split/Splitless, Recessed Gooseneck, 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092010	063G-0515 063G-0517
Splitless, Tapered, FocusLiner 4mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092003	063G-0525 063G-0527
Splitless, Recessed Gooseneck, 2mmID, 6.3mmOD, 78.5mmLength		trace analytes > 2µL	5 25	SG092013	063G-0535 063G-0537
<b>Liner O-Rings</b>					
Viton O-rings for Split (6.3mmOD) or Splitless (6.5mmOD) Liners			10	8850103100	063G-0146
Graphite O-rings for Split (6.3mmOD) Liners			10	392611935	063G-0156
Graphite O-rings for Splitless (6.5mmOD) Liners			10	392611940	063G-0166

## Ferrules

### Ferrule Properties

Material	Temp Limit	Advantages	Limitations
Graphite (100%)	450°C	<ul style="list-style-type: none"> <li>Recommended for high temperature and cool on-column application</li> </ul>	<ul style="list-style-type: none"> <li>Not for MS</li> <li>Easily deformed</li> <li>Possible system contamination</li> </ul>
Vespe/Graphite (85%/15%)	350°C	<ul style="list-style-type: none"> <li>Excellent sealing</li> <li>Recommended for MS</li> </ul>	<ul style="list-style-type: none"> <li>Must re-tighten frequently</li> <li>Flows at elevated temperature</li> </ul>
Vespe/Graphite (100%)	280°C	<ul style="list-style-type: none"> <li>Durable, Long lifetime</li> <li>Leak-tight</li> </ul>	<ul style="list-style-type: none"> <li>For isothermal analysis only</li> <li>Must re-tighten frequently</li> </ul>
Teflon	250°C	<ul style="list-style-type: none"> <li>Economical choice</li> <li>Conform well to the shape</li> </ul>	<ul style="list-style-type: none"> <li>For isothermal analysis only</li> </ul>

### Ordering Information

Description	QTY	Varian No.	Part No.
<b>Graphite Ferrules</b>			
1/16" to 0.3mm, for 0.18mm and smaller ID columns	10		063M-1016
1/16" to 0.425mm, for 0.25mmID columns	10	CR211104	063M-1026
1/16" to 0.5mm, for 0.32mmID columns	10	CR211105	063M-1036
1/16" to 0.8mm, for 0.53mmID columns	10	CR211108	063M-1046
1/16" to 1.0mm, for 0.65mmID columns	10		063M-1056
1/16" to 1.2mm, for 0.75mmID columns	10		063M-1066
1/16" 2-hole, 0.425mm, for 0.25mmID columns	10		063M-1076
1/16" 2-hole, 0.5mm, for 0.32mmID columns	10	CR211125	063M-1086
1/16" to 0.425mm Short, for 0.25mmID columns	10		063M-1096
1/16" to 0.5mm Short, for 0.32mmID columns	10	CR211165	063M-1106
1/16" to 0.8mm Short, for 0.53mmID columns	10	CR211168	063M-1116
1/16" Straight	10		063M-1126
1/8" Straight	10	CR211200	063M-1136
1/4" Straight	10	CR211400	063M-1146
1/8" Reducing to 0.425mm, for 0.25mmID columns	10		063M-1156
1/8" Reducing to 0.5mm, for 0.32mmID columns	10	CR211205	063M-1166
1/8" Reducing to 0.8mm, for 0.53mmID columns	10	CR211208	063M-1176
1/8" Reducing to 1/16" for 1/16"OD columns	10	CR214210	063M-1186
1/8" Reducing to 2-hole, 0.5mm, for 0.32mmID columns	10		063M-1196
1/4" Reducing to 0.5mm, for 0.32mmID columns	10		063M-1206
1/4" Reducing to 6mm, for 1/16"OD tubing	10		063M-1216
1/4" Reducing to 0.8mm, for 0.53mmID columns	10		063M-1226
1/4" Reducing to 1/16", for 1/16"OD tubing	10		063M-1236
1/4" Reducing to 1/8", for 1/8"OD tubing	10		063M-1246
1/4" Reducing to 4mmOD, for 4mmOD tubing	10		063M-1256
1/16" Blank, no holes	10	CR2111XX	063M-1266
1/8" Blank, no holes	10		063M-1276
1/4" Blank, no holes	10		063M-1286



Short ferrules



2-hole ferrules



Straight ferrules



Reducing ferrules



Short ferrules



Straight ferrules



Reducing ferrules



VespeL ferrules

Ordering Information			
Description	QTY	Varian No.	Part No.
<b>40% Graphite/ 60% VespeL Ferrules</b>			
1/16" to 0.3mm, for 0.18mm and smaller ID columns	10	CR213103	063M-3016
1/16" to 0.425mm, for 0.25mmID columns	10	CR213104	063M-3026
1/16" to 0.5mm, for 0.32mmID columns	10	CR213105	063M-3036
1/16" to 0.8mm, for 0.53mmID columns	10	CR213108	063M-3046
1/16" to 1.0mm, for 0.65mmID columns	10	CR213110	063M-3056
1/16" to 1.2mm, for 0.75mmID columns	10	CR213112	063M-3066
1/16" 2-hole, 0.425mm, for 0.25mmID columns	10	CR213124	063M-3076
1/16" 2-hole, 0.5mm, for 0.32mmID columns	10	CR213125	063M-3086
1/16" to 0.425mm Short, for 0.25mmID columns	10	CR213164	063M-3096
1/16" to 0.5mm Short, for 0.32mmID columns	10	CR213165	063M-3106
1/16" to 0.8mm Short, for 0.53mmID columns	10	CR213168	063M-3116
1/16" Straight	10		063M-3126
1/8" Straight	10	CR213200	063M-3136
1/4" Straight	10	CR213400	063M-3146
1/8" Reducing to 0.425mm, for 0.25mmID columns	10	CR213204	063M-3156
1/8" Reducing to 0.5mm, for 0.32mmID columns	10	CR213205	063M-3166
1/8" Reducing to 0.8mm, for 0.53mmID columns	10	CR213208	063M-3176
1/8" Reducing to 1/16" for 1/16"OD columns	10		063M-3186
1/8" Reducing to 2-hole, 0.5mm, for 0.32mmID columns	10		063M-3196
1/4" Reducing to 0.5mm, for 0.32mmID columns	10	CR213405	063M-3206
1/4" Reducing to 6mm, for 1/16"OD tubing	10		063M-3216
1/4" Reducing to 0.8mm, for 0.53mmID columns	10		063M-3226
1/4" Reducing to 1/16", for 1/16"OD tubing	10		063M-3236
1/4" Reducing to 1/8", for 1/8"OD tubing	10		063M-3246
1/16" Blank, no holes	10	CR2131XX	063M-3256
1/8" Blank, no holes	10		063M-3266
1/4" Blank, no holes	10		063M-3276
<b>VespeL Ferrules</b>			
1/16" to 0.3mm, for 0.18mm and smaller ID columns	10	CR212103	063M-4016
1/16" to 0.425mm, for 0.25mmID columns	10	CR212104	063M-4026
1/16" to 0.5mm, for 0.32mmID columns	10	CR212105	063M-4036
1/16" to 0.8mm, for 0.53mmID columns	10	CR212108	063M-4046
1/16" to 1.0mm, for 0.65mmID columns	10		063M-4056
1/16" to 1.2mm, for 0.75mmID columns	10		063M-4066
1/16" 2-hole, 0.425mm, for 0.25mmID columns	10		063M-4076
1/16" 2-hole, 0.5mm, for 0.32mmID columns	10	CR212125	063M-4086
1/16" Straight	10		063M-4096
1/8" Straight	10		063M-4106
1/4" Straight	10		063M-4116
1/8" Reducing to 0.425mm, for 0.25mmID columns	10		063M-4126
1/8" Reducing to 0.5mm, for 0.32mmID columns	10		063M-4136
1/8" Reducing to 0.8mm, for 0.53mmID columns	10		063M-4146
1/8" Reducing to 1/16" for 1/16"OD columns	10		063M-4156
1/8" Reducing to 2-hole, 0.5mm, for 0.32mmID columns	10		063M-4166
1/4" Reducing to 0.5mm, for 0.32mmID columns	10		063M-4176
1/4" Reducing to 6mm, for 1/16"OD tubing	10		063M-4186
1/4" Reducing to 0.8mm, for 0.53mmID columns	10		063M-4196
1/4" Reducing to 1/16", for 1/16"OD tubing	10		063M-4206
1/4" Reducing to 1/8", for 1/8"OD tubing	10		063M-4216
1/16" Blank, no holes	10		063M-4226
1/8" Blank, no holes	10		063M-4236
1/4" Blank, no holes	10		063M-4246

# Varian Supplies/Parts



Teflon ferrules

Ordering Information			
Description	QTY	Varian No.	Part No.
<b>Teflon Ferrules</b>			
1/16" to 0.3mm, for 0.18mm and smaller ID columns	10		063M-7016
1/16" to 0.425mm, for 0.25mmID columns	10		063M-7026
1/16" to 0.5mm, for 0.32mmID columns	10		063M-7036
1/16" to 0.8mm, for 0.53mmID columns	10		063M-7046
1/16" to 1.0mm, for 0.65mmID columns	10		063M-7056
1/16" to 1.2mm, for 0.75mmID columns	10		063M-7066
1/16" Straight	10		063M-7076
1/8" Straight	10		063M-7086
3/16" Straight	10		063M-7096
1/4" Straight	10	CR214400	063M-7106
1/8" Reducing to 0.425mm, for 0.25mmID columns	10		063M-7116
1/8" Reducing to 0.5mm, for 0.32mmID columns	10		063M-7126
1/8" Reducing to 0.8mm, for 0.53mmID columns	10		063M-7136
1/8" Reducing to 1/16" for 1/16"OD columns	10		063M-7146
1/8" Reducing to 2-hole, 0.5mm, for 0.32mmID columns	10		063M-7156
1/4" Reducing to 6mm, for 1/16"OD tubing	10		063M-7166
1/4" Reducing to 1/16", for 1/16"OD tubing	10		063M-7176
1/4" Reducing to 1/8", for 1/8"OD tubing	10		063M-7186
1/4" Reducing to 3/16", for 3/16"OD tubing	10		063M-7196
1/16" Blank, no holes	10		063M-7206
1/8" Blank, no holes	10		063M-7216
1/4" Blank, no holes	10		063M-7226

## Capillary Nuts



Capillary Nuts

Ordering Information			
Description	QTY	Varian No.	Part No.
<b>Capillary Nuts</b>			
Brass Capillary Nut	2	394955100	063M-5012
Stainless Steel Capillary Nut	2	CP743117	063M-5022

## SilTite Ferrules

- Metal ferrules for fused silica GC columns and tubing
- Ideal for GC/MS
- Eliminate contamination from vespel or graphite
- Eliminate annoying leaks
- Reduce air background
- No more retightening of Vespel ferrules after temperature cycling
- Reduce GC and MS down time



SilTite nuts and ferrules

Ordering Information			
Description	QTY	Varian No.	Part No.
<b>SilTite Ferrules Kit : 10 Ferrules, 2 Nuts</b>			
For 0.10 to 0.25mmID Columns	1	SG073300	063M-6011
For 0.32mmID Columns	1	SG073301	063M-6021
For 0.45 to 0.53mmID Columns	1	SG073302	063M-6031
<b>Replacement</b>			
SilTite Ferrules 0.4mm for 0.1 to 0.25mmID Columns	10	SG073220	063M-6046
SilTite Ferrules 0.5mm for 0.32mmID Columns	10	SG073221	063M-6056
SilTite Nuts	5	SG073224	063M-6065