


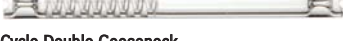










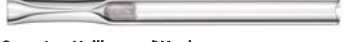



COLUMN INSTALLS THIS END

Splitless Liners for Varian 1075/1077 S/SL Injection Ports	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 2mm Splitless	trace samples <2µL	2.0mm 6.3mm x 74mm	190010905	20721	20722	20723
 4mm Splitless	trace samples >2µL	4.0mm 6.3mm x 74mm	—	20904	20905	20906
 Double Gooseneck	trace, active samples up to 4µL	4.0mm 6.3mm x 74mm	—	20847	20848	20849
 Cyclo Double Gooseneck	trace, dirty, active samples up to 4µL	4.0mm 6.3mm x 74mm	—	20897	20898	—

Split Liners for Varian 1075/1077 S/SL Injection Ports	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 1mm Split	purge & trap inlet splitting or samples <1µL	1.0mm 6.3mm x 72mm	—	20970	20971	—
 Splitter w/Wool	universal, use with rapid autosamplers	4.0mm 6.3mm x 72mm	190010901	20792	20793	20794
 Laminar Cup Splitter	high MW compounds	4.0mm 6.3mm x 72mm	190010902	20803	20804	—
 Cup Splitter	high & low MW compounds	4.0mm 6.3mm x 72mm	—	20724	20725	—
 Cyclo-splitter	dirty samples, many injections before cleaning required	4.0mm 6.3mm x 72mm	—	20727	20728	—
 Frit Splitter	dirty samples, non-active compounds	4.0mm 6.3mm x 72mm	190010903	20715	20716	20717
 Baffle Splitter	compounds with close boiling points	4.0mm 6.3mm x 72mm	190010904	20718	20719	20720
 Split Precision Liner w/Wool	dirty samples, active samples	4.0mm 6.3mm x 72mm	—	21030	21031	—

DI Liners for Varian 1075/1077 S/SL Injection Ports (0.32/0.53mm ID)	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 Uniliner	trace, active samples, high recovery & linearity	4.0mm 6.3mm x 72mm	—	20345	20346	—
 Cyclo-Uniliner	trace, dirty, high MW, active samples, linearity	4.0mm 6.3mm x 72mm	—	20347	20348	—
 Open-top Uniliner w/Wool	trace, dirty, active samples, high recovery & linearity	4.0mm 6.3mm x 72mm	—	20845	20846	—

SPME Liners for Varian 1075/1077 S/SL Injection Ports	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 SPME Liner	ideal for low-volume SPME applications	0.75mm 6.30mm x 74mm	—	21112	21113	—

\*Nominal ID at syringe needle expulsion point.

All liners are  
**100%**  
deactivated

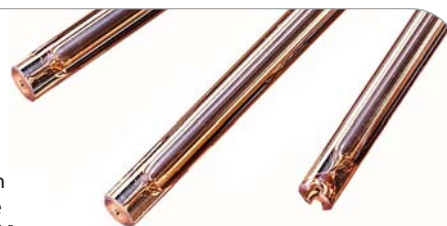
All liners are shipped intermediate polarity (IP) deactivated unless otherwise requested.



Restek can provide any of the liners shown deactivated according to any of our three proprietary processes, including our highly inert Siltek® coating. The processes are described on **page 140** and ordering information is on **page 143**.















Packing materials, including wool and CarboFrits™, can be provided in any liner—subject to the liner ID and geometry. Packing materials are described on **page 141** and ordering information is on **pages 143-144**.





Siltek® Treated Liners

COLUMN INSTALLS THIS END

SPI Liners for Varian S/SL Injection Ports	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 0.5mm SPI	high linearity for 0.25 & 0.32mm ID columns	0.53mm 4.6mm x 54mm	190010906	20775	20776	20777
 0.8mm SPI	high linearity for 0.53mm ID columns	0.80mm 4.6mm x 54mm	190010907	20778	20779	20780
 SPI with Buffer	dirty samples >1µL, fits 0.25, 0.32 & 0.53mm ID columns	2.4mm 4.6mm x 54mm	190010908	20850	20851	20852

Liners for Varian 1177 S/SL Injection Ports	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 4mm Split w/Glass Frit	universal	4.0mm 6.3mm x 78.5mm	—	21045	21046	—
 4mm Split w/Wool	universal	4.0mm 6.3mm x 78.5mm	392611934	—	21079	—
 4mm Split Precision Liner w/Wool	dirty samples, trace samples	4.0mm 6.3mm x 78.5mm	—	20759	20762	—
 Low Pressure Drop Precision Liner w/Wool	trace samples <2µL, dirty samples	2.0mm 6.3mm x 78.5mm	—	22421	22422	—
 Laminar Cup Splitter	high MW compounds	4.0mm 6.3mm x 78.5mm	—	20765	20768	—
 2mm Splitless w/Wool	trace samples <2µL	2.0mm 6.5mm x 78.5mm	392599903	—	21077	—
 Gooseneck Splitless (4mm)	trace samples <2µL	4.0mm 6.5mm x 78.5mm	392611927	21896	21897	—
 Gooseneck Splitless (4mm) w/Wool	trace samples <2µL	4.0mm 6.5mm x 78.5mm	392611936	21896-200.1	21897-200.5	—
 Double Gooseneck Splitless (4mm)	trace, active samples <2µL	4.0mm 6.5mm x 78.5mm	—	21891	21892	—

DI Liners for Varian 1177 S/SL Injection Ports (For 0.25/0.32/0.53mm ID Columns)	Benefits/Uses	ID* OD x Length	Similar to Varian part #	cat.# /price ea.	cat.# /price 5-pk.
 Drilled Uniliner (hole near top)	trace, active samples, high recovery & linearity	4.0mm 6.3mm x 78.5mm	—	21470	21471
 Drilled Uniliner (hole near bottom)	trace, active samples, high recovery & linearity	4.0mm 6.3mm x 78.5mm	—	21468	21469

\*Nominal ID at syringe needle expulsion point.

All liners are  
**100%**  
deactivated

All liners are shipped intermediate polarity (IP) deactivated unless otherwise requested.



Restek can provide any of the liners shown deactivated according to any of our three proprietary processes, including our highly inert Siltek® coating. The processes are described on **page 140** and ordering information is on **page 143**.











Packing materials, including wool and CarboFrits™, can be provided in any liner—subject to the liner ID and geometry. Packing materials are described on **page 141** and ordering information is on **pages 143-144**.



Siltek® Treated Liners

COLUMN INSTALLS THIS END

Liners for Varian 1078/1079 Injection Ports	Benefits/Uses:	ID* OD x Length	Similar to Varian part #	ea.	cat.# /price 5-pk.	25-pk.
 1078/1079 Split w/Frit	dirty samples, non-active compounds	3.4mm 5.0mm x 54mm	392611946	21708	21709	—
 1078/1079 Splittless	trace samples <2µL	2.0mm 5.0mm x 54mm	392611947	21711	21712	—
 Open 0.5mm ID	trace samples <1µL	0.5mm 5.0mm x 54mm	392611949	20992	20993	—
 1078/1079 Split-No Frit	active samples	3.4mm 5.0mm x 54mm	392611945	20859	20901	20909
 Open 0.75mm ID	trace, low volume samples	0.75mm 5.0mm x 54mm	392611948	21714	21715	21716
 1078/1079 Split Precision Liner w/Wool	dirty samples, trace samples	3.4mm 5.0mm x 54mm	—	21024	21025	—

DI Liners for Varian 1078/1079 Injection Ports (For 0.25/0.32/0.53mm ID Columns)	Benefits/Uses	ID* OD x Length	Similar to Varian part #	cat.# /price ea.	cat.# /price 5-pk.
 Drilled Uniliner (hole near top)	trace, active samples, high recovery & linearity	3.5mm 5.0mm x 54mm	—	24974	24975
 Drilled Uniliner (hole near bottom)	trace, active samples, high recovery & linearity	3.5mm 5.0mm x 54mm	—	22280	22281

\*Nominal ID at syringe needle expulsion point.

### tech tip

#### Drilled Uniliner® Liners

Use the Drilled Uniliner® liner with the hole near the bottom for semivolatle analysis or when compounds of interest could be affected by a tailing solvent peak. Use the Drilled Uniliner® liner with the hole near the top for chlorinated pesticides analysis, aqueous injections, as well as for analysis in which the compounds of interest elute away from the solvent peak.



Restek can provide any of the liners shown deactivated according to any of our three proprietary processes, including our highly inert Siltek® coating. The processes are described on **page 140** and ordering information is on **page 143**.



Packing materials, including wool and CarboFrits™, can be provided in any liner—subject to the liner ID and geometry. Packing materials are described on **page 141** and ordering information is on **pages 143-144**.



Siltek® Treated Liners

#### Siltek® Treated Metal Inlet Liners for Varian GCs

- Won't crack, chip, or break like glass liners.
- Excellent response for pesticides, phenols, and other active compounds.

Liner Type (3.8mm ID x 5.0mm OD x 54mm)	qty.	cat.#	price
Split/Splittless	5-pk.	20711	
Splittless Gooseneck	5-pk.	21002	





### Inlet Liner Seals for Varian 1177 Injectors

- Meets or exceeds original manufacturer's performance.



Description	Max. temp.	Similar to Varian part #	10-pk. cat.#	price	50-pk. cat.#	price
6.35mm ID Graphite						
O-rings for split liners	450°C	—	20296		20297	
6.5mm ID Graphite						
O-rings for splitless liners	450°C	39-26119-40	20298		20299	



20881

### Capillary Nuts for Varian GCs

- Choose brass or stainless steel construction.

Description	Similar to Varian part #	qty.	cat.#	price
Brass Capillary Nuts	03-949551-00	2-pk.	20881	
Stainless Steel Capillary Nuts	03-949551-00	2-pk.	20882	

### Liner Seals for Varian 1078/1079



Description	Max. temp.	Similar to Varian part #	qty.	cat.#	price
5mm Graphite Liner Seals for Varian 1078/1079 GCs	450°C	392611919	10-pk.	22683	



21690

### Siltek® Treated Inlet Support Springs for Varian 1075/1077 Split Injectors

- Siltek® treated to eliminate sample adsorption.

Description	Similar to Varian part #	qty.	cat.#	price
Siltek Treated Inlet Support Springs for Varian	03-949786-00	3-pk.	21690	

IceBlue®



Precision molded!

BTO®

Thermolite®

### Septa for Varian GCs

- Precision molding assures consistent, accurate fit.
- Preconditioned and ready to use.
- Does not adhere to hot metal surfaces.
- Packaged in precleaned glass jars.

Septum Diameter	25-pk./price	50-pk./price	100-pk./price
<b>Thermolite Septa</b> (usable to 340°C inlet temp.)			
9mm	27132	27133	27134
9.5mm (7/16")	27135	27136	27137
10mm	27138	27139	27140
11mm (7/16")	27141	27142	27143

<b>IceBlue Septa</b> (usable to 250°C inlet temp.)			
9mm	—	27156	27157
9.5mm (7/16")	—	27158	27159
10mm	—	27160	27161
11mm (7/16")	—	27162	27163

<b>BTO Septa</b> (usable to 400°C inlet temp.)			
9mm CenterGuide	—	27104	27105
9.5mm (7/16")	—	27106	27107
10mm	—	27108	27109
11mm (7/16") CenterGuide	—	27110	27111

Injector Type	Septum Diameter (mm)
Packed Column	9.5/10
1078/1079	10/11
1177	9
1075/1077	11

**HANDY**  
septum size chart



22335

### Capillary Installation Gauge for Varian GCs for use with 1/16" ferrules

- Seats ferrule\* onto column for consistent installations.
- Prevents crushed column ends.
- Made from high-quality stainless steel.

Description	qty.	cat.#	price
Capillary Installation Gauge for Varian GCs for use with 1/16" ferrules	ea.	22335	

\*Recommended for use with graphite ferrules.

also available

Looking for ferrules?  
See pages 210-212.



also available

Looking for packed column accessories for Varian instruments?  
See pages 193-195.