




















Split Liners for PerkinElmer GCs	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
 Baffle Splitter	universal, for most common analyses	3.5 ID 5.0 OD x 100	N6502008	20736	20737	—
 Cup Splitter	high & low MW compounds	3.5 ID 5.0 OD x 100	—	20739	20740	—
 Cyclo splitter®	dirty samples, many injections before cleaning required	3.5 ID 5.0 OD x 100	—	20745	20746	—
 Auto SYS™ Splitter w/ Wool	universal for most common analyses	4.0 ID 6.2 OD x 92.1	N6502009	20832	20833	20834
 Silitex® Auto SYS™ Splitter w/ Wool	universal for most common analyses	4.0 ID 6.2 OD x 92.1	N6502010	20832-213.1	20833-213.5	20834-213.25
 Auto SYS™ Cup Splitter	high & low MW compounds	4.0 ID 6.2 OD x 92.1	N6502011	20835	20836	—
 Auto SYS™ Cyclo splitter®	dirty samples, many injections before cleaning required	4.0 ID 6.2 OD x 92.1	N6502012	20910	20911	—
 Auto SYS™ Laminar Cup Splitter	high MW compounds	4.0 ID 6.2 OD x 92.1	—	20827	20828	—
 Auto SYS™ Split Precision™ Liner w/ Wool	dirty samples, trace samples	4.0 ID 6.2 OD x 92.1	N6121020	21026	21027	—
Splitless Liners for PerkinElmer GCs	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
 Splitless (2mm ID)	trace samples	2.0 ID 5.0 OD x 100	N6502007	20730	20731	20732
 Auto SYS™ Splitless	headspace & purge & trap	1.0 ID 6.2 OD x 92.1	N6502006	21272	21273	21274
 Auto SYS™ Splitless w/ Wool (2mm ID)	trace samples	2.0 ID 6.2 OD x 92.1	N6121021	20829	20830	20831
 Silitex® Auto SYS™ Splitless w/ Wool (2mm ID)	trace samples	2.0 ID 6.2 OD x 92.1	N6502004	20829-213.1	20830-213.5	20831-213.25
 Auto SYS™ Double Gooseneck	trace, active samples up to 4µL	4.0 ID 6.2 OD x 92.1	N6502003	20853	20854	—
 Auto SYS™ Cyclo Double Gooseneck	trace, dirty, active samples, up to 4µL	4.0 ID 6.2 OD x 92.1	N6502005	20899	20900	—
PSS Liners for PerkinElmer GCs	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
 PSS Split/Splitless (1mm ID)	trace samples	1.0 ID 4.0 OD x 86.2	N6121006	20738	20741	—
 Auto SYS™ XL PSS Split/Splitless w/ Wool	most common analyses	2.0 ID 4.0 OD x 86.2	N6121004	21717	21718	—
 PSS Drilled Uniliner® (hole near top)	trace, active samples, high recovery & linearity	2.0 ID 4.0 OD x 86.2	—	22986	22987	<b>new!</b>
 PSS Drilled Uniliner® (hole near bottom)	trace, active samples, high recovery & linearity	2.0 ID 4.0 OD x 86.2	—	22988	22989	<b>new!</b>

\*Nominal ID at syringe needle expulsion point.








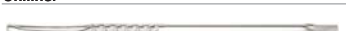






## ordering note

For descriptions of liner deactivations, packings, and tools, see pages 141-143.

All liners are  
**100%**  
deactivated

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

## Supplies for PerkinElmer Instruments: Inlet Liners

Zero Dilution Liners for PerkinElmer Auto SYS™ and Clarus GCs	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
	headspace analysis	1.0 ID 2.0 OD x 73	N1011446	22990	22991	—
<b>Zero Dilution Inner Liner</b>						
	headspace analysis	2.5 ID 6.2 OD x 90	N1011445	22992	22993	—
<b>Zero Dilution Outer Liner</b>						
Zero Dilution Liners for PerkinElmer GCs with PSS Inlets	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
	headspace analysis	1.0 ID 2.0 OD x 73	N1011446	22990	22991	—
<b>Zero Dilution Inner Liner</b>						
	headspace analysis	2.5 ID 4.2 OD x 83	N1011447	24978	24979	<b>new!</b>
<b>Zero Dilution Outer Liner</b>						
PTV Liners for PerkinElmer GCs	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
	high linearity for 0.25, 0.32, & 0.53mm ID columns	1.0 ID 2.0 OD x 88	—	20733	20734	20735
<b>PTV Press-Tight®</b>						
	high linearity	1.0 ID 2.0 OD x 88	—	20742	20743	20744
<b>PTV Injector</b>						
DI Liners for PerkinElmer GCs (0.32/0.53mm ID)	Benefits/Uses:	ID*/OD & Length (mm)	Similar to PE part#	ea.	cat.# 5-pk.	25-pk.
	trace, active samples, high recovery & linearity	3.5 ID 5.0 OD x 100	N6502018	20855	20856	—
<b>Uniliner®</b>						
	trace, dirty, active samples, high linearity	3.5 ID 5.0 OD x 100	N6502019	20857	20858	—
<b>Cyclo-Uniliner®</b>						
	trace, dirty, active samples, high recovery & linearity	4.0 ID 6.2 OD x 92.1	N6502016	20837	20838	—
<b>Auto SYS™ Open-top Uniliner® w/ Wool</b>						
	trace, dirty, high MW active samples, high linearity	4.0 ID 6.2 OD x 92.1	N6502017	20839	20840	—
<b>Auto SYS™ Cyclo-Uniliner®</b>						
DI Liners for PerkinElmer GCs (For 0.32/0.53mm ID Columns)	Benefits/Uses	ID*/OD & Length (mm)	Similar to PE part #	ea.	cat.# 5-pk.	25-pk.
	trace, active samples, high recovery & linearity	4.0 ID 6.2 OD x 92.1	N6121022	20819	20822	—
<b>Auto SYS™ Drilled Uniliner® (hole on top)</b>						
	trace, active samples, high recovery & linearity	4.0 ID 6.2 OD x 92.1	N6502013	21293	21294	—
<b>Auto SYS™ Drilled Uniliner® (hole on bottom)</b>						
	trace, active samples, high recovery & linearity	4.0 ID 6.2 OD x 92.1	N6502014	21295	21296	—
<b>Auto SYS™ Gooseneck Drilled Uniliner® (hole on top)</b>						
	trace, active samples, high recovery & linearity	4.0 ID 6.2 OD x 92.1	N6502015	21297	21298	—
<b>Auto SYS™ Gooseneck Drilled Uniliner® (hole on bottom)</b>						

\*Nominal ID at syringe needle expulsion point.

## tech tip

### Drilled Uniliner® Liners

Use the Drilled Uniliner® liner with the hole near the bottom for semivolatiles 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.

## Graphite O-Rings for PerkinElmer Auto SYS™ XL PSS

Description	Max. temp.	Similar to PE part #	qty.	cat.#
Graphite O-Rings for PerkinElmer Auto SYS™ XL PSS	450°C	N610-1751	10-pk.	21475
Graphite O-Rings for PerkinElmer Auto SYS™ XL PSS	450°C	N610-1751	25-pk.	21476



## Viton® O-Rings for PerkinElmer PSS

Description	Max. temp.	Similar to PE part #	qty.	cat.#
Viton® O-Rings for PerkinElmer PSS	250°C	N6101747	10-pk.	20366



## Silicone O-Rings for PerkinElmer Auto SYS™ GCs

Description	Max. temp.	Similar to PE part #	qty.	cat.#
Silicone O-Rings for PerkinElmer Auto SYS™ GCs	250°C	N6101374	10-pk.	20262



## 11mm Septa for PerkinElmer GCs

- Preconditioned and ready to use.
- Packaged in precleaned glass jars.

Now precision molded!



**Thermolite® Septa**

(usable to 340°C inlet temp.)

qty.	cat.#
25-pk.	27141
50-pk.	27142
100-pk.	27143



**IceBlue™ Septa**

(usable to 250°C inlet temp.)

qty.	cat.#
50-pk.	27162
100-pk.	27163



**BTO® Septa**

(usable to 400°C inlet temp.)

qty.	cat.#
50-pk.	27110
100-pk.	27111

## HANDY septum size chart

PE Instrument	Septum Diameter (mm)
Sigma series	11
900,990	11
8000 series	11
Auto SYS™	11
Auto SYS™ XL	11

## Septum Cap for PerkinElmer Auto SYS™ XL

- Made of clear anodized aluminum and high-quality stainless steel.
- Meets or exceeds manufacturer's performance.



Description	Similar to PE part #	qty.	cat.#
Septum Cap for PerkinElmer Auto SYS™ XL	N6100153	ea.	22322

## Injector Adaptor for PerkinElmer Auto SYS™ XL

- Made of high-quality stainless steel.
- Meet or exceed manufacturer's performance.
- Siltek® treated version available for increased inertness.

Description	Similar to PE part #	qty.	cat.#
<b>For use with PE style capillary nuts</b>			
A) Injector Adaptor for PerkinElmer Auto SYS™ XL	N6100157	ea.	22318
B) Siltek® Treated Injector Adaptor for PerkinElmer Auto SYS™ XL	—	ea.	22320
<b>For use with 1/8" compression style nuts</b>			
C) Injector Adaptor for PerkinElmer Auto SYS™ XL	—	ea.	22319
D) Siltek® Treated Injector Adaptor for PerkinElmer Auto SYS™ XL	—	ea.	22321



**FID Capillary Column Adaptor for PerkinElmer Auto SYS™ XL**

- Made of high-quality stainless steel.
- Meet or exceed manufacturer's performance.

Description	Similar to PE part #	qty.	cat.#
<b>A) For use with PE style capillary nuts</b>			
FID Capillary Column Adaptor for PerkinElmer Auto SYS™ XL	N6120020	ea.	22608
<b>B) For use with 1/16" compression style nuts</b>			
FID Capillary Column Adaptor for PerkinElmer Auto SYS™ XL	—	ea.	22609

**FID Replacement Parts for PerkinElmer Auto SYS™ XL and Clarus 500**

- Made of high-quality stainless steel.
- Meet or exceed manufacturer's performance.



Description	Similar to PE part #	qty.	cat.#
FID Jet for PerkinElmer Auto SYS™ XL and Clarus 500	N6100361	ea.	23038
Auto-Ignite FID Replacement Part Kit for PerkinElmer Auto SYS™ XL and Clarus 500	N6103167	kit	23061
	N6103175		
	N6101085		
	N6001204 09912223		
Nozzle Insulator for PerkinElmer Auto SYS™ XL and Clarus 500	N6101085	ea.	23062
FID Body for PerkinElmer Auto SYS™ XL and Clarus 500	N6100364	ea.	23063

**Make Life Easier (MLE) Capillary Tool Kit for PerkinElmer GCs****Includes:**

- 1/4", 3/16", and 1/8" nylon brushes
- 1/4", 3/8", and 3/16" stainless steel wire tube brushes
- stainless steel surface brush
- 6 stainless steel jet reamers (0.25–0.65mm OD)
- 1/4" x 5/16" open end wrench
- 3/8" x 7/16" open end wrench
- 7/16" x 1/2" open end wrench
- 1/2" x 9/16" open end wrench
- rubber-tipped slide-lock tweezers
- scoring wafers with handles
- inlet liner removal tool
- septum puller
- mini wool puller/insertor tool
- 4-inch tapered needle file
- swivel head flashlight
- mini hand drill set
- 15cm compact steel ruler
- pocket magnifier
- high temperature string (1 meter)
- pipe cleaner (12-inch)
- cotton tip swabs (pk. of 25)

Everything you need  
in one complete kit!



Description	qty.	cat.#
MLE Capillary Tool Kit for PerkinElmer GCs	kit	22185