



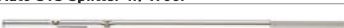











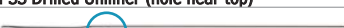


Split Liners for PerkinElmer GCs	Benefits/Uses:	ID* OD x Length	Similar to PE part #	ea.	cat.# / price 5-pk.	25-pk.
	universal, for most common analyses	3.5mm 5.0mm x 100mm	N6502008	20736	20737	—
<b>Baffle Splitter</b>						
	high & low MW compounds	3.5mm 5.0mm x 100mm	—	20739	20740	—
<b>Cup Splitter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

\*Nominal ID at syringe needle expulsion point.

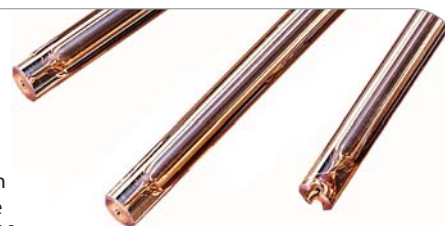
All liners are 100% deactivated. All liners are shipped intermediate polarity (IP) deactivated unless otherwise requested.



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

Zero Dilution Liners for PerkinElmer Auto SYS and Clarus GCs	Benefits/Uses:	ID* OD x Length	Similar to PE part #	ea.	cat.# / price 5-pk.	25-pk.
 <b>Zero Dilution Inner Liner</b>	headspace analysis	1.0mm 2.0mm x 73mm	N1011446	22990	22991	—
 <b>Zero Dilution Outer Liner</b>	headspace analysis	2.5mm 6.2mm x 90mm	N1011445	22992	22993	—

Zero Dilution Liners for PerkinElmer GCs with PSS Inlets	Benefits/Uses:	ID* OD x Length	Similar to PE part #	ea.	cat.# / price 5-pk.	25-pk.
 <b>Zero Dilution Inner Liner</b>	headspace analysis	1.0mm 2.0mm x 73mm	N1011446	22990	22991	—
 <b>Zero Dilution Outer Liner</b>	headspace analysis	2.5mm 4.2mm x 83mm	N1011447	24978	24979	—

PTV Liners for PerkinElmer GCs	Benefits/Uses:	ID* OD x Length	Similar to PE part #	ea.	cat.# / price 5-pk.	25-pk.
 <b>PTV Press-Tight</b>	high linearity for 0.25, 0.32, & 0.53mm ID columns	1.0mm 2.0mm x 88mm	—	20733	20734	20735
 <b>1.0mm PTV Liner</b>	high linearity	1.0mm 2.0mm x 88mm	—	20742	20743	20744

DI Liners for PerkinElmer GCs (0.32/0.53mm ID)	Benefits/Uses:	ID* OD x Length	Similar to PE part#	ea.	cat.# / price 5-pk.	25-pk.
 <b>Uniliner</b>	trace, active samples, high recovery & linearity	3.5mm 5.0mm x 100mm	N6502018	20855	20856	—
 <b>Cyclo-Uniliner</b>	trace, dirty, active samples, high linearity	3.5mm 5.0mm x 100mm	N6502019	20857	20858	—
 <b>Auto SYS Open-top Uniliner w/Wool</b>	trace, dirty, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502016	20837	20838	—
 <b>Auto SYS Cyclo-Uniliner</b>	trace, dirty, high MW active samples, high linearity	4.0mm 6.2mm x 92.1mm	N6502017	20839	20840	—

DI Liners for PerkinElmer GCs (For 0.32/0.53mm ID Columns)	Benefits/Uses	ID* OD x Length	Similar to PE part #	ea.	cat.# / price 5-pk.	25-pk.
 <b>Auto SYS Drilled Uniliner (hole near top)</b>	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6121022	20819	20822	—
 <b>Auto SYS Drilled Uniliner (hole near bottom)</b>	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502013	21293	21294	—
 <b>Auto SYS Gooseneck Drilled Uniliner (hole near top)</b>	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502014	21295	21296	—
 <b>Auto SYS Gooseneck Drilled Uniliner (hole near bottom)</b>	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502015	21297	21298	—

\*Nominal ID at syringe needle expulsion point.

**i 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.