

















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.
 Zero Dilution Inner Liner	headspace analysis	1.0mm 2.0mm x 73mm	N1011446	22990	22991	—
 Zero Dilution Outer Liner	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.
 Zero Dilution Inner Liner	headspace analysis	1.0mm 2.0mm x 73mm	N1011446	22990	22991	—
 Zero Dilution Outer Liner	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.
 PTV Press-Tight	high linearity for 0.25, 0.32, & 0.53mm ID columns	1.0mm 2.0mm x 88mm	—	20733	20734	20735
 1.0mm PTV Liner	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.
 Uniliner	trace, active samples, high recovery & linearity	3.5mm 5.0mm x 100mm	N6502018	20855	20856	—
 Cyclo-Uniliner	trace, dirty, active samples, high linearity	3.5mm 5.0mm x 100mm	N6502019	20857	20858	—
 Auto SYS Open-top Uniliner w/Wool	trace, dirty, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502016	20837	20838	—
 Auto SYS Cyclo-Uniliner	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.
 Auto SYS Drilled Uniliner (hole near top)	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6121022	20819	20822	—
 Auto SYS Drilled Uniliner (hole near bottom)	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502013	21293	21294	—
 Auto SYS Gooseneck Drilled Uniliner (hole near top)	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502014	21295	21296	—
 Auto SYS Gooseneck Drilled Uniliner (hole near bottom)	trace, active samples, high recovery & linearity	4.0mm 6.2mm x 92.1mm	N6502015	21297	21298	—

*Nominal ID at syringe needle expulsion point.