




















Supplies for Thermo Scientific GCs: Liners




Split Liners for Thermo Scientific 4000-5000-6000 Series GCs		Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.#/price 5-pk.	25-pk.
	Laminar Cup Splitter	high MW compounds	4.0mm 5.4mm x 79.5mm	—	20809	20810	—
	Cyclosplitter	dirty samples, many injections before cleaning required	4.0mm 5.4mm x 79.5mm	—	20817	20818	—
	Cup Splitter Gooseneck	high & low MW compounds	4.0mm 5.4mm x 79.5mm	—	20885	20886	—
Splitless Liners for Thermo Scientific 4000-5000-6000 Series GCs		Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.#/price 5-pk.	25-pk.
	Splitless (2mm ID)	trace samples	2.0mm 5.4mm x 79.5mm	—	20811	20812	20813
	Splitless (4mm ID)	trace samples	4.0mm 5.4mm x 79.5mm	—	20814	20815	20816
DI Liners for Thermo Scientific 4000-5000-6000 Series GCs (0.32/0.53 ID)		Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.#/price 5-pk.	25-pk.
	Open-top Uniliner w/Wool	trace, dirty, active samples, high recovery & linearity	4.0mm 5.4mm x 79.5mm	—	20841	20842	—
Split Liners for Thermo Scientific TRACE, 8000, 8000 TOP & Focus SSL		Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.#/price 5-pk.	25-pk.
	1mm Split	purge & trap & fast GC	1.0mm 8.0mm x 105mm	453 20075	20916	20917	—
	3mm Split	universal	3.0mm 8.0mm x 105mm	453 20031	20936	20937	20938
	5mm Split	universal	5.0mm 8.0mm x 105mm	453 20030	20939	20940	20941
	Laminar Cup Splitter	high MW compounds	4.0mm 8.0mm x 105mm	—	20948	20949	—
	Cup Splitter	high & low MW compounds	4.0mm 8.0mm x 105mm	—	20950	20951	—
	5mm Split Precision Liner w/Wool	dirty samples, trace samples	5.0mm 8.0mm x 105mm	—	22288	22289	—
Splitless Liners for Thermo Scientific TRACE, 8000, 8000 TOP & Focus SSL		Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.#/price 5-pk.	25-pk.
	Splitless (3mm ID)	trace samples	3.0mm 8.0mm x 105mm	453 20032	20942	20943	20944
	Splitless (5mm ID)	trace samples	5.0mm 8.0mm x 105mm	453 20033	20945	20946	20947
	Double Gooseneck	trace, active samples up to 4µL	4.0mm 8.0mm x 105mm	—	20952	20953	—
	5mm Splitless Precision Liner w/Wool	dirty samples, trace samples	5.0mm 8.0mm x 105mm	—	21028	21029	—

*Nominal ID at syringe needle expulsion point.

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

See next page for ordering information.

Split Liners for Thermo Scientific TRACE PTV	Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.# /price 5-pk.	25-pk.
 1mm ID Glass Liner	trace samples, high recovery & linearity	1.0mm 2.75mm x 120mm	453 22054	21114	21115	—
 2mm ID Glass Liner	universal	2.0mm 2.75mm x 120mm	453 22045	21116	21117	—
 Baffle Liner	trace samples	2.0mm 2.75mm x 120mm	—	22074	22075	—

DI Liners for Thermo Scientific TRACE, 8000, 8000 TOP & Focus SSL (0.32 & 0.53mm ID columns)	Benefits/Uses:	ID* OD x Length	Similar to TS part #	ea.	cat.# /price 5-pk.	25-pk.
 Uniliner w/Wool	trace, active samples, high recovery, & linearity	5.0mm 8.0mm x 105mm	—	21005	21006	—
 Drilled Uniliner (hole near top)	trace, active samples, high recovery, & linearity	5.0mm 8.0mm x 105mm	—	22411	22412	—
 Drilled Uniliner (hole near bottom)	trace, active samples, high recovery, & linearity	5.0mm 8.0mm x 105mm	—	22413	22414	—

*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.



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 Thermo Scientific GCs

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

Liner Type (5.0mm ID x 8.0mm OD x 105mm)	ea. /price	5-pk. /price
5mm ID Split/Splitless Siltek Treated Metal Inlet Liners w/Wool	—	21004
Liner Type (2.75mm OD x 120mm)	ea. /price	5-pk. /price
1mm ID Split/Splitless Siltek Treated Metal Inlet Liners*	21080	21081
2mm ID Split/Splitless Siltek Treated Metal Inlet Liners*	21082	21083
Liner Type (0.8mm ID x 2.75mm OD x 120mm)	ea. /price	5-pk. /price
SPME Siltek Treated Metal Inlet Liner for TRACE 2000 GCs & PTV Inlets	22598	22599

*Works with PTV injectors.

