

## Topaz Inlet Liners for Shimadzu GCs

Topaz Inlet Liners for Shimadzu 17A, 2010, and 2014 GCs Equipped with Split/Splitless Inlets: Split Injection		ID x OD x Length	Similar to Shimadzu Part #	qty.	cat.#
	3.5 mm ID Straight Liner	3.5 mm x 5.0 mm x 95 mm	221-41444-01	5-pk.	23318
	3.5 mm ID Straight Liner w/Wool	3.5 mm x 5.0 mm x 95 mm		5-pk.	23319
	3.5 mm ID Precision Liner w/Wool	3.5 mm x 5.0 mm x 95 mm		5-pk.	23320
	3.5 mm ID Single Taper Precision Liner w/Wool at Bottom	3.5 mm x 5.0 mm x 95 mm		5-pk.	23455
	3.5 mm ID Cyclo Single Taper Liner	3.5 mm x 5.0 mm x 95 mm		5-pk.	23456
Topaz Inlet Liners for Shimadzu 17A, 2010, and 2014 GCs Equipped with Split/Splitless Inlets: Splitless Injection		ID x OD x Length	Similar to Shimadzu Part #	qty.	cat.#
	3.5 mm ID Single Taper Liner	3.5 mm x 5.0 mm x 95 mm	221-48335-01	5-pk.	23321
	3.5 mm ID Single Taper Liner w/Wool	3.5 mm x 5.0 mm x 95 mm		5-pk.	23336
	3.5 mm ID Single Taper Liner w/Wool at Top	3.5 mm x 5.0 mm x 95 mm		5-pk.	23322
	3.5 mm ID Double Taper Liner	3.5 mm x 5.0 mm x 95 mm		5-pk.	23457
Topaz Inlet Liners for Shimadzu 17A, 2010, and 2014 GCs Equipped with Split/Splitless Inlets: Split or Splitless Injections		ID x OD x Length	Similar to Shimadzu Part #	qty.	cat.#
	3.5 mm ID Straight Liner w/Wool	3.5 mm x 5.0 mm x 95 mm	221-41444-00	5-pk.	23458
Topaz Inlet Liners for Shimadzu 17A GCs Equipped with PTV Inlets		ID x OD x Length	Similar to Shimadzu Part #	qty.	cat.#
	1.6 mm ID Straight PTV Liner w/Wool	1.6 mm x 4.0 mm x 95 mm	225-09212-01	5-pk.	23435
Topaz Inlet Liners for Shimadzu 17A, 2010, and 2014 GCs Equipped with Split/Splitless Inlets: SPME Injection		ID x OD x Length		qty.	cat.#
	1.8 mm ID Straight/SPME Liner	1.8 mm x 5.0 mm x 95 mm		5-pk.	23279
Topaz Inlet Liners for Shimadzu 17A, 2010, and 2014 GCs Equipped with Split/Splitless Inlets: Direct Injection		ID x OD x Length		qty.	cat.#
	3.5 mm ID Uniliner Liner w/Wool	3.5 mm x 5.0 mm x 95 mm		5-pk.	23459
Topaz Inlet Liners for Shimadzu 2010 GCs Equipped with PTV inlets		ID x OD x Length		qty.	cat.#
	1.5 mm ID Straight PTV Liner	1.5 mm x 3.5 mm x 95 mm		10-pk.	23471
	1.5 mm ID Straight PTV Liner w/Wool	1.5 mm x 3.5 mm x 95 mm		10-pk.	23472

Patent pending

COLUMN INSTALLS THIS END