

# Injection Port | Inlet Liner Taper/Gooseneck

Spot the Difference in the SGE Lineup!

The SGE inlet liner range aims to make it simple for all gas chromatographers to select the correct liner.

Choosing the right inlet liner and injection parameters can increase peak areas and reduce detection limits by up to 300 %.

- Easy to choose - color coded by geometry to simplify your selection.
- Easy to use - contains o-rings so you're ready to go.
- Confidence in your analysis - certified standard deactivation, or TI deactivation for GC-MS.

## Features and benefits

- A bottom taper focuses sample onto the head of the column and minimizes sample contact with metal parts of the inlet.
- A taper at the top aids in minimizing sample flashback.
- Remember – the addition of quartz wool to your inlet liner promotes mixing of analytes, aids the vaporization of liquid samples, works as a trap to collect nonvolatile residue in the sample (i.e. protects capillary column from 'dirty' samples).
- TI deactivated liners are optimized for EPA8270 method and are pre-fitted with an o-ring to minimize handling.



Color coded green.

## Recommended applications

Taper / Gooseneck liners are recommended for the following sample or injection modes:

- Trace level analysis
- Active Samples
- Split/Splitless injection types

## Product specifications

Injector	Length (mm)	OD (mm)	ID (mm)
Bottom Taper available for Agilent, PerkinElmer, Shimadzu, Thermo Scientific, and Varian/Bruker 1177 and 1078/1079 injectors			
Agilent	78.5	6.3	4
Agilent	78.5	6.3	2.3
PerkinElmer	92	6.2	4
Shimadzu	99	5	3.4
Shimadzu	95	5	3.4
Thermo	105	8	5
Thermo	105	8	3
Thermo	78.5	6.3	4
Thermo	78.5	6.3	2.3
Varian/Bruker	78.5	6.3	4
Varian/Bruker	78.5	6.3	2.3
Varian/Bruker	54	5	3.4

## Injection Port | Inlet Liner Taper/Gooseneck continued

Injector	Length (mm)	OD (mm)	ID (mm)
Top Taper available for Agilent, PerkinElmer 8000 & Sigma Series, Thermo Scientific, and Varian/Bruker 1177, 1075/1077 & 1078/1079 injectors			
Agilent	78.5	6.3	4
PerkinElmer	100	5	2
Shimadzu	99	5	3.4
Thermo	105	8	5
Thermo	78.5	6.3	4
Varian/Bruker	78.5	6.3	4
Varian/Bruker	72	6.3	4
Varian/Bruker	74	6.3	4
Varian/Bruker	74	6.3	4
Varian/Bruker	54	5	1.8/3.4
Gooseneck available for Agilent, Shimadzu, and Varian/Bruker 1177 injectors			
Agilent	78.5	6.3	4
Agilent	78.5	6.3	2.3
Shimadzu	99	5	3.4
Shimadzu	95	5	3.4
Varian/Bruker	78.5	6.3	4
Varian/Bruker	78.5	6.3	2

For more information about this product visit [www.trajanscimed.com](http://www.trajanscimed.com) or contact [techsupport@trajanscimed.com](mailto:techsupport@trajanscimed.com)