



SilTite



Easy to install | Inert | Low dead volume

**GC connections**  
Simplify your GC connections

SilTite® GC connections are designed to minimize installation time and provide ongoing, robust connections throughout the life of the GC column.

Column connections in the GC have traditionally suffered from unreliability, leaks, excessive dead volumes and lack of inertness, leading to poor chromatography results and instrument down time.

Using SilTite GC connections means less time on maintenance, and more time to focus on your analysis!



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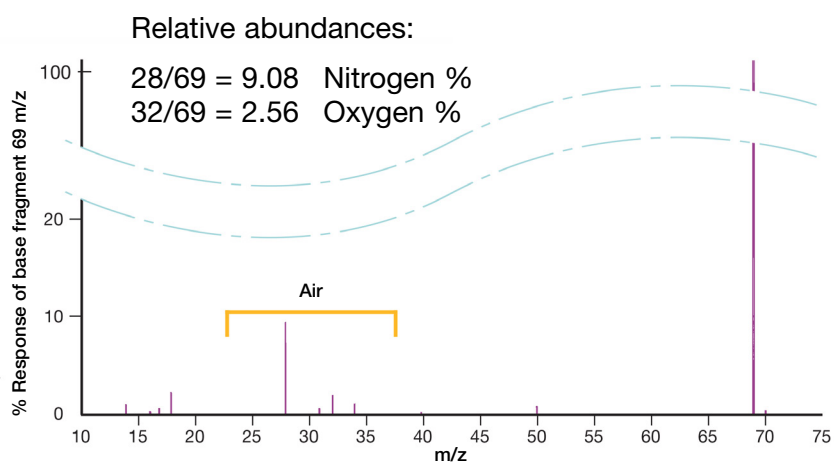


Figure 1. MS trace using a graphite Vespel® ferrule after 5 temperature cycles.

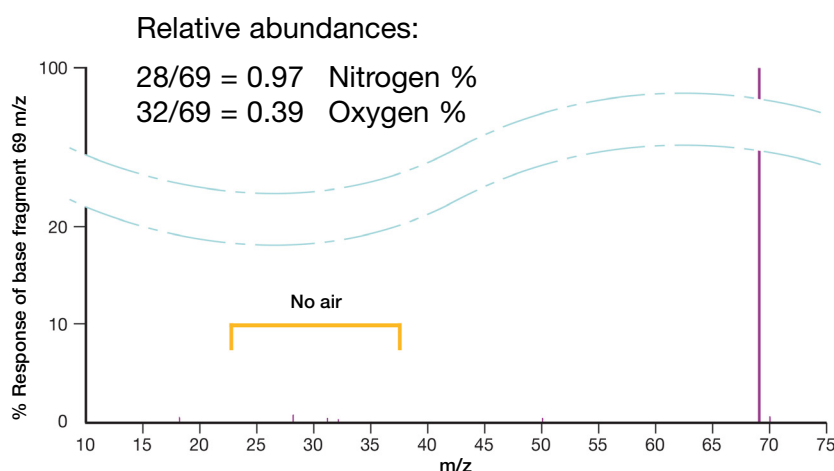


Figure 2. MS trace using a SilTite ferrule after 5 temperature cycles. Using an MS, no leaks can be detected, even after 400 temperature cycles between 70°C and 400°C.

## SilTite metal ferrules



Designed for connecting fused silica GC columns and tubing to mass spectrometer interfaces and injectors.

- SilTite metal ferrules provide a continuous leak-free connection without the need to re-tighten the nut after a few temperature cycles.
- SilTite metal ferrules make Graphite/Vespel® ferrules obsolete for use in GCMS connections.
- Their performance and cost effectiveness also makes them ideal for connection GC columns to injectors and atmospheric detectors.



## SilTite FingerTite® ferrules



Designed for each injector and detector, simplify your GC column installation.

- Typical kit contains 5 x female nuts, 10 x 0.4 mm hole ferrules, 1 x measuring tool.
- A ferrule system for GC systems delivering an easy, leak-free installation for capillary columns without the use of any tools.
- If you are running a capillary column equipped gas chromatography system, SilTite FingerTite will simplify your column installation process giving you less hassle and more time for chromatography.



## SilTite $\mu$ -Union



Designed to connect columns without the complications of conventional connectors.

- Allows for tubing to be connected without concern of leakage from temperature cycling or fear of getting pieces of the ferrule stuck inside the tubing. Low thermal mass: 9 mm in length and mass < 0.5 g.
- Available in kits to connect a range of columns from 0.1 mm ID through to 0.53 mm ID.
- The SilTite  $\mu$ -Union comes fitted standard when you order a GC Capillary column with integrated guard (5 m). Just add SGXX to the end of the column part number where XX is the column ID e.g. 054101SG32 for a 0.32 mm ID guard on column part number 054101.



## GC connections

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Visit us at [www.trajanscimed.com](http://www.trajanscimed.com) or contact your regional Trajan representative for assistance and further information.

*Vespel® is registered by DuPont.*

## Trajan Scientific and Medical

### Science that benefits people

Trajan is actively engaged in developing and delivering solutions that have a positive impact on human wellbeing. Our vision revolves around collaborative partnerships that improve workflows, delivering better results.