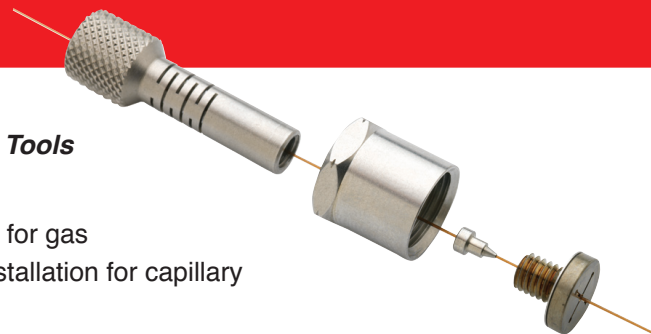




SiTite™ FingerTite GC Ferrules: The Smart Alternative

- Easy
- Reliable
- Leak Free
- No Tools

SiTite™ FingerTite is the next generation ferrule system for gas chromatography systems delivering an easy leak free installation for capillary columns without the use of any tools.



What is SilTite™ FingerTite?

It's a GC ferrule that has been designed to be installed only with the force of your fingers (no tools required) delivering an easy, leak and maintenance free seal.

How is SilTite™ a 'next generation' connection?

	100% Graphite	Graphite Vespel	SiTite™ FingerTite
Mechanical strength	Soft	Hard	Hard
Temperature limit	450°C	350°C	No practical limit
Grip strength on column	Soft	Moderate	Strong
No retightening required after installation	✓		✓
Ideal for GC-MS applications (minimal porosity)		✓	✓
No tools required for installation and removal			✓
Permanent positioning of ferrule		- / ✓	✓
No deterioration			✓
Cannot break the capillary column with over-tightening			✓
No column creep			✓
Chemically inert			✓

Who will benefit from this product?

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.

GCMS users

SiTite™ FingerTite has been developed with the unique, leak and air free properties of SilTite™ ferrules, resulting in superior air tightness to reduce background noise in sensitive MS applications meaning you can use them on your MS interface with confidence.

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“your chromatography specialists”

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SilTite™ FingerTite GC Ferrules: The Smart Alternative



SilTite™ FingerTite
ferrule install tool



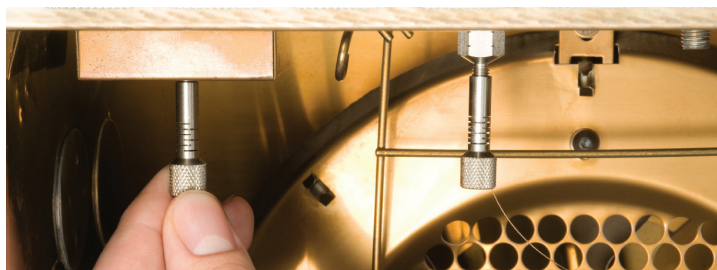
SilTite™ FingerTite
Agilent INJ Assembly



SilTite™ FingerTite
Agilent FID Assembly



SilTite™ FingerTite
Agilent MS Assembly



How do I install SilTite™ FingerTite?

The SilTite™ FingerTite ferrule requires a unique adapter to enable the finger force connection. Purchase one of the following starter kits with the corresponding adapters for your system, complete the once off 5 minute install using the instructions provided and your are ready to go!

The system requires no permanent instrument modifications, so if you need to switch back to conventional connections this can be done quickly and easily.

SilTite™ FingerTite Starter Kit Ordering Information

Cat. No.	Description
073610	SilTite™ FingerTite Agilent INJ/FID Starter Kit
073612	SilTite™ FingerTite Agilent INJ/MS Starter Kit
073620	SilTite™ FingerTite Shimadzu 2010 INJ/FID Kit
073621	SilTite™ FingerTite Shimadzu 2010 INJ/MS Kit
073628	SilTite™ FingerTite Shimadzu 17A INJ/FID Kit
073629	SilTite™ FingerTite Shimadzu 17A INJ/MS Kit

SilTite™ FingerTite Replacement Items

073630	SilTite™ FingerTite Ferrule 0.4mm, 10/pk
073631	SilTite™ FingerTite Ferrule 0.5mm, 10/pk
073633	SilTite™ FingerTite Blanking Ferrule, 2/pk
073636	SilTite™ FingerTite Female Nut, 5/pk
073640	SilTite™ FingerTite Agilent INJ Base Seal, 2/pk

Can I reuse the ferrules?

Once the ferrule is crimped onto the tubing using the ferrule installation tool, the fitting is permanent. However, the column can be removed and reinserted multiple times without tools.

Can I break my column if I overtighten the nut?

No – with the SilTite™ FingerTite system you cannot generate enough force with your fingers to break the column. Never use pliers or any other tool on the nut or you will possibly damage the adapter as well as break the column.

Can I touch the nut even when the oven is at 200°C?

No – the nut will be at the oven temperature so it will be too hot to touch. However, the nut is designed to dissipate the heat from the injector/detector to cool down. For Mass Spectrometers always follow the manufacturer's recommendations to vent the system.

Can I reuse the SilTite™ FingerTite nuts?

Yes, the nuts can be reused although the nuts will be permanently fixed to the column with the ferrule.

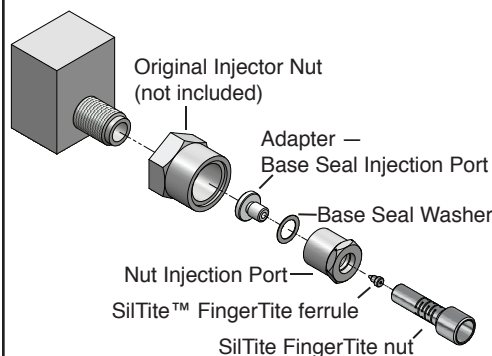
What's included in the starter kit?

Each starter kit includes all the parts necessary to convert one GC system (one injector and one detector) to the SilTite™ FingerTite system suitable for installing 0.1 – 0.25mm ID capillary columns. In addition there are 5 SilTite™ FingerTite nuts, one packet (10 ferrules) of 0.4mm ID SilTite™ FingerTite ferrules and a ferrule install tool which allows you to seat the ferrule in the correct position on the capillary column.

Can I use any dimension of GC capillary column?

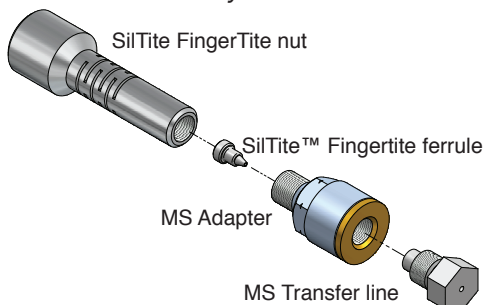
SilTite™ FingerTite is suitable for any GC capillary column of nominal ID 0.1 – 0.25mm (0.4mm ID SilTite™ FingerTite ferrule) and 0.32mm (0.5mm ID SilTite™ FingerTite ferrule).

Agilent Injector SilTite™ Kit



Agilent MS SilTite™ FingerTite Kit

Image of the detector showing the lower nut assembly



Agilent FID SilTite™ FingerTite Kit

