

# SGE Ferrules for Agilent Gas Chromatographs D47

Select either standard graphite ferrules (for GC applications), graphitized vespel (the standard for GC/MS applications) or the new SilTite™ ferrules for all your Agilent GC and GC/MS instruments

## 15% Graphite / 85% Vespel Ferrules

- the standard for GC/MS
- robust and hard material
- forms strong grip with capillary column, cannot be reused
- low emissions - suitable for use with GC/MS interfaces
- must re-tighten connection after initial temperature cycles
- maximum temperature of 350°C

## 100% Graphite Ferrules

- highest quality graphite material used
- lowest emission ferrules on the market
- excellent compressibility providing and excellent seal
- for high temperature seals
- not recommended for GC/MS connections
- maximum temperature of 450°C

## SilTite™ Ferrules

- no more leaks
- no need to re-tighten nut after installation and thermal cycling
- have the same thermal expansion coefficient as SilTite nuts thus giving a highly reliable seal
- reusable nut

## How to Use SilTite™ Ferrules

- only use the special SilTite nut with a SilTite ferrule
- for Agilent Technologies inlet connections, only use SilTite inlet base seal and SilTite nut



SilTite nuts with the distinctive two notches  
Part No. 073224

Material	Column I.D.	Ferrule I.D.	Pack size	Part No.	Price
<b>15% Graphite / 85% Vespel Ferrules</b>					
<b>For Injectors &amp; Detectors at atmospheric pressure e.g. FID</b>					
	0.1 - 0.25mm	0.4mm	10	073109	
	0.32mm	0.5mm	10	073111	
	0.53mm	0.8mm	10	073113	
	for 1/8" O.D. packed columns	1/8"	10	072669	
	for 1/4" O.D. packed columns	1/4"	10	072667	
<b>For GC/MS Interface connection</b>					
	0.1 - 0.25mm	0.4mm	10	072663	
	0.32mm	0.5mm	10	072654	
	0.53mm	0.8mm	10	072655	
<b>100% Graphite Ferrules</b>					
<b>Injectors &amp; Detectors at atmospheric pressure e.g. FID (Not for GC/MS)</b>					
	0.1 - 0.32mm	0.5mm	10	072635	
	0.45 - 0.53mm	0.8mm	10	072636	
	for 1/8" O.D. packed columns	1/8"	10	072602	
	for 1/4" O.D. packed columns	1/4"	10	072601	
<b>SilTite™ Metal Ferrules</b>					
<b>For GC/MS Interface connection (Starter kit)</b>					
	0.1 - 0.25mm	0.4mm	10*	073200	
	0.32mm	0.5mm	10*	073201	
	0.53mm	0.8mm	10*	073202	
<b>For Split / Splitless Injectors (Starter kit)</b>					
	0.1 - 0.25mm	0.4mm	10**	073270	
	0.32mm	0.5mm	10**	073271	
	0.53mm	0.8mm	10**	073272	
<b>Replacement SilTite™ Metal Ferrules</b>					
<b>For all connections</b>					
	0.1 - 0.25mm	0.4mm	10	073220	
	0.32mm	0.5mm	10	073221	
	0.53mm	0.8mm	10	073222	
<b>Replacement SilTite™ Nuts</b>					
<b>For GC/MS Interface connection</b>					
		-	5	073224	
<b>For Split / Splitless Injector</b>					
		-	5	073226	
<b>Replacement SilTite™ Base Seals</b>					
<b>For Split / Splitless Injector</b>					
		-	2	073400	
		-	10	073401	

\*Includes 10 ferrules and 2 SilTite™ MS transfer line nuts.

\*\*Includes 10 ferrules, 2 SilTite™ injection port nuts and 2 SilTite™ Inlet Base seals.