

# Ferrules and Connectors

## SilTite Metal Ferrules

Provide a continuous leak-free connection and are perfect for connecting your column to a GC/MS.

The SilTite™ metal ferrule and nut are manufactured from the same material and therefore expand and contract at the same rate, eliminating the need to retighten – even after temperature cycling. The base of the SilTite ferrule forms a perfect seal with the MS interface, ensuring a leak-free connection. SilTite metal ferrules have a temperature limit well above the temperature capacity of the injector, MS interface or GC oven.



Description	Hole Size (mm)	Part No.
SilTite Ferrules Starter Kit*	0.4	<b>N9306090</b>
SilTite Ferrules Starter Kit*	0.5	<b>N9306091</b>
SilTite Ferrules Starter Kit*	0.8	<b>N9306092</b>
SilTite Ferrules (pkg. 10)	0.4	<b>N9306093</b>
SilTite Ferrules (pkg. 10)	0.5	<b>N9306094</b>
SilTite Ferrules (pkg. 10)	0.8	<b>N9306095</b>
SilTite Nuts (pkg. 5)		<b>N9306096</b>

\* Kits include 2 nuts and 10 ferrules

## Capillary Column Ferrules\*

### Graphite

Ferrule of choice for high-temperature applications up to 450 °C. Graphite seals easily and does not stick to glass columns.

### Graphite/Vespel®

15% graphite/85% polyimide ferrule recommended for use with GC/MS systems. Temperature limit is 350 °C.

### Vespel®

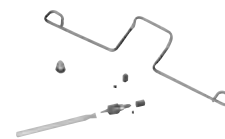
Not reusable. Not recommended for fused silica capillary columns. Use these ferrules on 1/16 in. metal tubing and glass-lined receivers. Temperature limit is 350 °C.

Size	Column ID/Ferrule ID (mm)	Graphite Part No.	Graphite/Vespel Part No.
1/16 in.	0.18 – 0.25/0.4		<b>09920104</b>
1/16 in.	0.18 – 0.32/0.5	<b>09903700</b>	<b>09920105</b>
1/16 in.	0.18 – 0.32/0.5**	<b>N9306001</b>	<b>N9306000</b>
1/16 in.	0.18 – 0.53/0.8	<b>09920141</b>	<b>09920107</b>
1/8 in.	0.18 – 0.53/1.0	<b>09903394</b>	
1/8 in.	0.18 – 0.32/0.5**	<b>09903395</b>	

\* Not suitable for Clarus 590/690 capillary injector \*\* 2-hole

## Wide-Bore Adapter Kit

Contains all the parts necessary to adapt to packed column injectors quickly and easily for use with wide-bore capillary columns. Includes 0–20 mL/min flow controller element, wide-bore adapter with 1/16 in. fitting, wide-bore glass liner and column support hanger.



Description	Part No.
Wide-Bore Adapter Kit	<b>N6120001</b>



## Universal Connectors

Description	Part No.
Universal Connector (pkg. 5)	<b>N9302149</b>
Metal Universal Connectors: 0.25 mm ID (pkg. 10)	<b>N9301167</b>
Universal Y Splitter (pkg. 1)	<b>N9303448</b>
Polyimide Sealing Resin (5 g)	<b>N9301343</b>
Undeactivated Prestight Column Connectors (pkg. 5)	<b>N9303962</b>



## Wafer Scribes

The PerkinElmer ceramic wafer scribe is inexpensive and ideal for cutting polyimide fused silica capillary columns and guard columns. The scribe is easy to hold and simple to use. All four sides can be used as a cutting tool.

Description	Part No.
Wafer Scribes (pkg. 10)	<b>N9301376</b>