

new!
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Alumaseal™ Ferrules Eliminate Sealing Compromises

Tired of leaking fittings? Want a ferrule that seals every time?

These new aluminum ferrules combine the sealing ease of graphite with the security and reliability of metal ferrules.

by Brad Rightnour, Instrument Innovations Manager

- ✓ Aluminum construction, will not crack or fragment.
- ✓ Eliminates out-gassing, makes leak-tight seals, for less detector noise.
- ✓ No retightening after temperature cycles—excellent for GC/MS.
- ✓ Unique two-piece design permanently locks on fused silica tubing without causing breakage.
- ✓ Will not stick in fittings, like Vespel® or graphite.
- ✓ Use with any 1/16" compression-type fitting.

Alumaseal™ ferrules* combine the advantages of graphite and Vespel®/graphite ferrules, and eliminate the disadvantages, for enhanced performance in any application. The unique front and back ferrule design seals easily and surely, the ferrules will not fragment or off-gas, and they are stable to 550°C. Alumaseal™ ferrules will not allow oxygen to permeate into the system, and do not require retightening

after temperature cycles, making them ideal for GC/MS applications. They can be used with any standard 1/16" compression-type fitting, with fused silica columns.

For leak-tight seals, we highly recommend you try Alumaseal™ ferrules.



Ferrule ID	Fits Column ID	qty.	cat.#	price
0.4mm	0.25mm	10-pk.	21472	
0.5mm	0.32mm	10-pk.	21473	
0.8mm	0.53mm	10-pk.	21474	

*Patent pending.

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New Vespel® Ferrules

Now—A Complete Range of Ferrule Choices from Restek

by Donna Lidgett, GC Accessories Product Marketing Manager

- ✓ 100% high-temperature Vespel® polyimide.
- ✓ Stable to 350°C.
- ✓ Durable and leak-tight.



Fitting Size	Ferrule ID	qty.	cat.# / price
Capillary Ferrules for 1/16-inch compression-type fittings			
1/16"	0.3mm	10-pk.	22213
1/16"	0.4mm	10-pk.	22214
1/16"	0.5mm	10-pk.	22215
1/16"	0.8mm	10-pk.	22216
1/16"	1.0mm	10-pk.	22217
1/16"	1.2mm	10-pk.	22218
Standard Ferrules for 1/16", 1/8", and 1/4-inch fittings			
1/16"	1/16"	10-pk.	22210
1/8"	1/8"	10-pk.	22211
1/4"	1/4"	10-pk.	22212
1/4"	1/8"	10-pk.	22219

Encapsulated Ferrules

For 1/16-Inch Compression Fittings



- ✓ Will not deform and stick in fittings.
- ✓ Reusable.
- ✓ Less torque needed to seal ferrule.
- ✓ Restek's unique blend of graphite minimizes fragmentation and outgassing.

Ferrule ID	Fits Column ID	cat.#	price/10-pk.
0.4mm	0.25mm	21036	
0.5mm	0.32mm	21037	
0.8mm	0.53mm	21038	

**Please
note**

We offer a wide selection of ferrules. In addition to new Alumaseal™ and Vespel® ferrules, we have Vespel®/graphite, graphite, and Teflon® ferrules. To review these other choices, visit our website or refer to our 2004 catalog.