

Thermo Supplies/Parts

Ferrules

Ferrule Properties

Material	Temp Limit	Advantages	Limitations
Graphite (100%)	450°C	Recommended for high temperature and cool on-column application	- Not for MS - Easily deformed - Possible system contamination
Vespel/Graphite (85%/15%)	350°C	- Excellent sealing - Recommended for MS	- Must re-tighten frequently - Flows at elevated temperature



M4 Graphite ferrules



M8 Graphite ferrules



85% Vespel, 15% Graphite ferrules

Ordering Information

Description	QTY	Thermo No.	Part No.
Graphite Ferrules			
TRACE & FOCUS, M4 0.3mm, for 0.15mmID columns	10		065M-1016
TRACE & FOCUS, M4 0.4mm, for 0.25mmID columns	10	29053488	065M-1026
TRACE & FOCUS, M4 0.5mm, for 0.32mmID columns	10	29053487	065M-1036
TRACE & FOCUS, M4 0.8mm, for 0.53mmID columns	10	29053486	065M-1046
TRACE & FOCUS, M8 0.4mm, for 0.25mmID columns	10		065M-1056
TRACE & FOCUS, M8 0.5mm, for 0.32mmID columns	10		065M-1066
TRACE & FOCUS, M8 0.8mm, for 0.53mmID columns	10		065M-1076
1/8" Straight	10		065M-1086
1/4" Straight	10		065M-1096
85% Vespel, 15% Graphite Ferrules			
1/16" to 0.4mm, Short, for 0.1-0.25mmID columns	10	29033461	065M-2016
1/16" to 0.5mm, Short, for 0.32mmID columns	10	29033460	065M-2026
1/16" to 0.8mm, Short, for 0.53mmID columns	10	29033471	065M-2036
1/8" Straight	10	290VT168	065M-2046
1/4" Straight	10	290VT165	065M-2056
1/16" to 0.4mm, for 0.25mmID columns	10	290VT186	065M-2066
1/16" to 0.5mm, for 0.32mmID columns	10	290VT187	065M-2076
1/16" to 0.8mm, for 0.53mmID columns	10	290VT188	065M-2086
Brass nut	2	290BT239	065M-2092

- Metal ferrules for fused silica GC columns and tubing
- Ideal for GC/MS
- Eliminate contamination from vespel or graphite
- Eliminate annoying leaks
- Reduce air background
- No more retightening of Vespel ferrules after temperature cycling
- Reduce GC and MS down time

Ordering Information

Description	QTY	Thermo No.	Part No.
SilTite Ferrules Kit : 10 Ferrules, 2 Nuts			
For 0.10 to 0.25mmID Columns	1	290MT229	065M-6011
For 0.32mmID Columns	1	290MT230	065M-6021
For 0.45 to 0.53mmID Columns	1	290MT231	065M-6031
Replacement			
SilTite Ferrules 0.4mm for 0.1 to 0.25mmID Columns	10	290MT221	065M-6046
SilTite Ferrules 0.5mm for 0.32mmID Columns	10	290MT222	065M-6056
SilTite Ferrules 0.8mm for 0.53mmID Columns	10	290MT223	065M-6066
SilTite Nuts	5	290MT211	063M-6075



SilTite nuts and ferrules

SilTite Ferrules