CAP Kits for Agilent Technologies GCs (Column and Accessories Performance Kits)

Reduce Your Risk, Prevent Problems, Save Time and Money
Teaming Supelco’s capillary GC columns with our high performance accessories will reduce the risk of chromatographic problems and instrument downtime.
The CAP Kit includes your choice of:

- Capillary GC Column
- Inlet Liners
- O-Ring Seals
- Column Nuts
- Inlet Seals
- Septa
- Ferrules

Here’s the Proof:

**Septa**
Inspect and replace your injection port septum daily

- Eliminate leaks
- Prevent septa particles in your inlet
- Stop septa related bleed
- Remove extra peaks

**Septa Contamination in Inlet Liner**

![Typical Silicone Peaks](G001548)

**Mass Spectrum of Septa Contamination in Inlet Liner**

![73, 147, 281](G001549)

**Liners/Seals**
Inspect and replace your inlet liner and seals routinely

- Eliminate contaminants and active sites
- Improve peak shapes
- Increase compound responses
- Remove extra peaks

**Chromatography Problems with a Dirty Liner**

**Before Maintenance, Poor Response**

![2,4-dinitrophenol, 4-nitrophenol](G001550)

**Poor Chromatography before Inlet Maintenance**

![2,4-dinitrophenol not present, 4-nitrophenol not present](G001551)

**Normal Chromatography after Inlet Maintenance**

![Improved peak shape after injection port maintenance is performed](G001552)
Ferrules
Replace your ferrules with each column change or maintenance
- Stop fitting from leaking
- Extend column life
- Eliminate retention time shifts, baseline drift, and sample loss
- Avoid ferrule bleed

Ordering Information:
To order your CAP Kit:
...select your choice of a Supelco capillary GC column.
Refer to the Supelco Catalog or sigma-aldrich.com/supelco for a complete listing of Supelco’s capillary GC columns.
...and select your choice of one or more GC accessory items from each of the following six categories and receive the CAP Kit case FREE!
Accessory items are for Agilent Technologies instrument models 4890, 5880, 5890, 6890.

1. INLET LINERS
   **Split Injection**
   - 78.5x6.3mm, 4mm ID, wool packed (pk/5) 20486,05
   - 78.5x6.3mm, cup design (pk/5) 20510,05
   - 78.5x6.3mm, cup design, wool packed (pk/5) 20482,05
   **Splitless**
   - 78.5x6.5mm, tapered (pk/5) 20466,05
   - 78.5x6.5mm, tapered, wool packed (pk/5) 20478,05
   - 78.5x6.5mm, 2mm ID (pk/5) 20513,05
   - 78.5x6.5mm, dual tapered (pk/5) 20485,05
   **Direct/Wide-Bore**
   - 78.5x6.5mm, 1.5mm ID (pk/5) 20517,05
   - 78.5x6.3mm, 0.75mm ID (pk/5) 26375,05

2. SEPTA
   - Thermogreen LB-2 Septa, 11.0mm (7/16") (pk/50) 20654
   - Thermogreen LB-2 Septa, 9.5mm (3/8") (pk/50) 20652

3. FERRULES
   **GC Inlet - Supeltek M-4 Graphite**
   - 0.20-0.25mm Column ID: Ferrules (pk/50) 24819-U
   - 0.32mm Column ID: Ferrules (pk/50) 24813-U
   - 0.53mm Column ID: Ferrules (pk/50) 24812-U
   **GC Inlet - Supeltek M-2A Vespel-Graphite**
   - 0.20-0.25mm Column ID: Ferrules (pk/50) 24807-U
   - 0.32mm Column ID: Ferrules (pk/50) 24806-U
   - 0.53mm Column ID: Ferrules (pk/50) 24804-U
   **GC/MS Interface - Supeltek M-2A Vespel-Graphite**
   - 0.20-0.25mm Column ID: Ferrules (pk/10) 24826-U
   - 0.32mm Column ID: Ferrules (pk/10) 24824-U
   - 0.53mm Column ID: Ferrules (pk/10) 24823-U

4. INLET SEALS
   - Gold-Plated (pk/10) 23319-U
   - Stainless-Steel (pk/10) 23317-U

5. O-RING SEALS
   - Therm-O-Ring Seals (pk/25) 21004-U

6. COLUMN NUTS
   - Column Nut for 1/16" Ferrules (pk/2) 24833-U
   - Brass Nut for GC/MS Interface (pk/2) 28034-U

CAP KIT CASE
- GC Accessory Case for Agilent Technologies 28035-U