



## Capillary Columns

### Fused Silica Capillary Columns

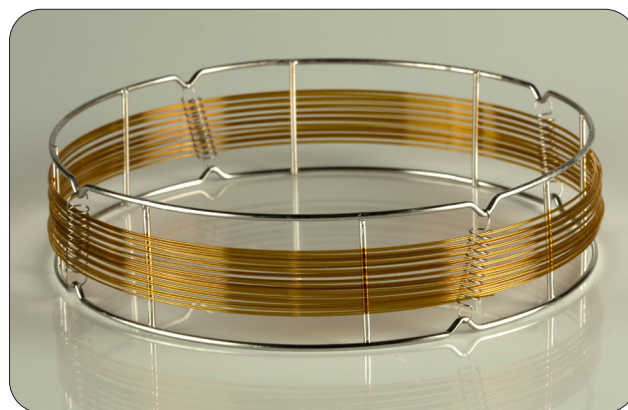
Quadrex fused silica columns are produced with the industry standard polyimide outer coating (390°C maximum temperature) for most general GC applications.

Each stationary phase used in our coating processes is synthesized and cleaned in-house to insure column to column reproducibility. All Quadrex phases are bonded to the silica substrate and cross-linked. Our stringent QA / QC program governs the production of all in-house phases which results in accurate selectivity, reproducibility, and outstanding thermal stability.

### Ultra-alloy™ Stainless Steel Capillary Columns

The inertness of Ultra ALLOY™ stainless steel columns match that of fused silica and is derived from a patented, multi-step manufacturing process which utilizes a five-layered pretreatment of the inner surface of the stainless steel.

- High temperature stability
- Highly inert deactivated inner surface
- Exceptional mechanical durability-cannot break
- Perfect for field use or high vibration situations
- Can be tightly coiled (3 inches) for portable GCs
- Ideal for use in small, field portable GCs



Each layer is chemically stable at elevated temperatures and has equal to, if not superior, mechanical properties to that of steel tubing. The layers are less than 0.01 microns thick and are chemically bonded together. Stationary phases are then easily bonded to this stable inert surface resulting in superbly deactivated columns which compare directly to fused silica columns. Ultra-ALLOY™ capillary columns offer unsurpassed inertness and mechanical durability and are suitable replacements for fused silica capillary columns. Unlike other stainless-steel columns on the market, Ultra-ALLOY™ columns are not lined with fused silica (see photo above) which can crack or flake-off when flexed or bent thus exposing active sites. As a result, the Ultra-ALLOY™ columns can be tightly coiled to accommodate even the smallest of GC oven designs.



[SHOP NOW](#)

Visit our website at  
[afproducts.ca](http://afproducts.ca)

## Fused Silica Capillary Columns

Description	Part No.
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 10 m x 0.53 mm ID, 1 µm Film	CH-100018
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 10 m x 0.32 mm ID, 5 µm Film	CH-100019
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 15 m x 0.53 mm ID, 1 µm Film	CH-100020
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 15 m x 0.32 mm ID, 5 µm Film	CH-100021
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 25 m x 0.53 mm ID, 3 µm Film	CH-100022
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 25 m x 0.53 mm ID, 5 µm Film	CH-100023
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.25 mm ID, 0.5 µm Film	CH-100024
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 60 m x 0.25 mm ID, 1 µm Film	CH-100025
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 60 m x 0.32 mm ID, 5 µm Film	CH-100026
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 15 m x 0.25 mm ID, 0.25 µm Film	CH-100027
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.25 mm ID, 0.25 µm Film	CH-100028
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 50 m x 0.53 mm ID, 5 µm Film	CH-100029
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 50 m x 0.32 mm ID, 5 µm Film	CH-100030
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 75 m x 0.53 mm ID, 3 µm Film	CH-100031
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.53 mm ID, 3 µm Film	CH-100032
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.32 mm ID, 1.8 µm Film	CH-100033
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 25 m x 0.25 mm ID, 0.1 µm Film	CH-100034
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.25 mm ID, 0.1 µm Film	CH-100035
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.53 mm ID, 1 µm Film	CH-100036
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.32 mm ID, 0.25 µm Film	CH-100037
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.32 mm ID, 0.5 µm Film	CH-100038
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 25 m x 0.53 mm ID, 3 µm Film	CH-100039
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 30 m x 0.32 mm ID, 1 µm Film	CH-100040
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 50 m x 0.25 mm ID, 0.25 µm Film	CH-100041
GC Column, non-polar 007-1 dimethylpolysiloxane phase, 60 m x 0.32 mm ID, 0.5 µm Film	CH-100042

## PLOT Columns

GC Column PLOT MoleSieve 5A, 30 m x 0.53 mm ID, 25 µm Film	CH-100043
GC Column PLOT-Q, 30 m x 0.53 mm ID, 0.30 µm Film	CH-100044

## Ultra-alloy Stainless Steel Capillary Columns

GC Column, 100% Dimethylpolysiloxane, 30 m x 0.53 mm ID, 0.30 µm Film	CH-100045
GC Column, 5% Phenyl-Methylpolysiloxane, 30 m x 0.25 mm ID, 0.25 µm Film	CH-100046
GC Column, Carborane siloxane, 30 m x 0.53 mm ID, 0.15 µm Film	CH-100047

## Ferrules

Graphite Ferrules for 1/16" Fittings, 0.25 mm ID/0.35 mm OD Columns, Pkg. 10	CC-100071
Graphite Ferrules for 1/16" Fittings, 0.53 mm ID/0.65 mm OD Columns, Pkg. 10	CC-100073
Graphite Ferrules for 1/16" Fittings, 0.32 mm ID/0.45 mm OD Columns, Pkg. 10	CC-100072
Graphite Reducing Ferrules for 1/8" Fittings, 0.53 mm ID/0.8 mm OD Columns, Pkg. 10	CC-100074
Graphite Vespel Ferrules for 0.32 mm ID/0.45 mm OD Columns, Pkg. 10	CC-100075
Graphite Vespel Ferrules for 0.53 mm ID/0.65 mm OD Columns, Pkg. 10	CC-100076
HP Graphite Ferrules for 0.25 mm ID/0.35 mm OD Columns, Pkg. 10	CC-100077
HP Graphite Short-Style Ferrules for Agilent, 0.32 mm ID/0.45 mm OD Columns, Pkg. 10	CC-100078
HP Graphite Short-Style Ferrules for Agilent, 0.53 mm ID/0.65 mm OD Columns, Pkg. 10	CC-100079