



COLUMN QC TEST

Every Quadrex fused silica column is pre-conditioned, Quality Control tested, and shipped with an easy to read Capillary Column Test Data Sheet. This gives you all the pertinent information regarding the column's configuration, QC test operating conditions, and maximum programmed and isothermal operating temperatures. Column efficiency, activity, and film thickness is easily evaluated using appropriately designed test mixtures. All column data is maintained in our data base to assure you of column-to-column reproducibility.

UNIQUE CAGE DESIGN

We've engineered a simple low thermal mass stainless steel support cage onto which all Quadrex columns are spooled. The design allows for easy handling and installation, and prevents unexpected unwinding of your capillary column.

We offer 3 standard cage diameters: 5-1/4", 6-1/4", and 7-1/4", each with the heights of either one inch or two inches, to accommodate all column lengths and IDs, or to fit into the variety of GC oven sizes on the market today. Custom cage sizes are also available; we'll even place our column onto a competitor's cage if you'd prefer.

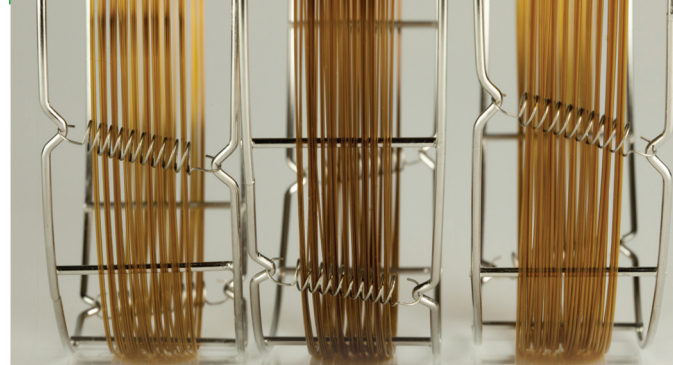
Whether you need a standard column, or a column with a custom length or film, Quadrex can deliver. Contact us today!



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Contact Us Today!



CAPILLARY COLUMNS FOR GAS CHROMATOGRAPHY

Manufacturing for the
GC market since 1976

QUADREX CORPORATION
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QUADREX GC COLUMNS

Utilizing high purity fused silica tubing, Quadrex manufactures a complete range of GC capillary columns in all standard I.D.s and lengths and the widest range of film thicknesses is available from any source. Specialty columns for pharmaceutical, environmental, petrochemical, triglyceride and high temperature applications are also featured. Custom lengths and films are always available.

Mechanically durable Ultra-ALLOY stainless steel capillary columns from Frontier Labs are also available for process GCs and other high vibration environments. We also provide common GC consumables such as ferrules, injector liners, syringes, carrier gas traps, and septa.

Quadrex is your source for complete line of GC columns, consumables, and hardware. We offer quality products at competitive prices. Buy from THIRTY SIX YEARS of GC column manufacturing experience....since 1976!



STATIONARY PHASES

Quadrex synthesizes all siloxane phases in-house to insure the highest possible quality and reproducibility. All Quadrex phases are bonded to the silica substrate and crosslinked. Our stringent QA/QC program governs the production of all in-house phases which ensures in accurate selectivity, reproducibility, and outstanding thermal stability.

PHASE NAME	COMPOSITION
007-1	Dimethylpolysiloxane
007-5	5% Phenyl Methylpolysiloxane
007-5MS	Silphenylene Polysiloxane
007-10, 007-20	10 and 20% Phenyl Methylpolysiloxane
007-624, 007-502, 007-608	Cyanopropyl Methylpolysiloxanes
007-1301	6% Cyanopropylphenyl Methylpolysiloxane
007-35, 007-35MS	35% Phenyl Methylpolysiloxane
007-1701	14% Cyanopropylphenyl Methylpolysiloxane
007-17, 007-17MS	50% Phenyl Methylpolysiloxane
007-65HT	65% Phenyl Methylpolysiloxane
007-225	50% Cyanopropylphenyl Methylpolysiloxane
007-CW, BTR-CW	Polyethylene Glycol (PEG) Oxygen-resistant PEG
007-FFAP	Acid-modified Polyethylene Glycol
007-23	78% Cyanopropyl Methylpolysiloxane

Whether you need a standard column, or a column with a custom length or film, Quadrex can deliver. Contact us today!

PLOT COLUMNS

Porous polymer (PLOT) columns are produced using various adsorbents and are ideal for fixed gases and light hydrocarbon applications. PLOT columns are offered in 0.32mm and 0.53mm IDs.

ADSORBENT	0.32mm ID	0.53mm ID
Molecular Sieve 5A	15M., 30M., 50M.	15M., 30M., 60M.
AL ₂ O ₃ -KCl	15M. and 50M.	15M., 30M., 50M., 60M.
PLOT-Q	30M. and 50M.	30M.
PLOT-U	30M.	30M.

COLUMN I.D.s AND FILM THICKNESSES

Quadrex columns are available in all industry-standard IDs and lengths. We can also produce any custom length you may require for your application or Method.

ID / OD (mm)	LENGTH (M.)
0.10 / 0.20	5, 10, 12, 15, 20, 25, 30, 40, 50
0.18 / 0.35	10, 12, 15, 20, 25, 30, 40, 50, 60
0.25 / 0.35	10, 12, 15, 25, 30, 50, 60, 75, 100, 105
0.32 / 0.45	10, 12, 15, 25, 30, 50, 60, 75, 100, 105
0.53 / 0.66	10, 12, 15, 25, 30, 50M., 60, 75, 100, 105

Our unique column coating technology allows us to offer the widest range of film thicknesses available in the industry - from 0.05 microns up to 8.0 microns, and up to 18 microns on 0.53mm ID non-polar columns!

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