

OPTIMA^{®} 5 MS Accent capillary columns for GC

silarylene phase

-With polarity similar to a 5 % diphenyl -95 % dimethylpolysiloxane phase.

-USP G27, G36

-Lowest column bleed, nonpolar phase, ideal for ion trap and quadrupol MS detectors solvent rinsing for removal of impurities applicable

-Application areas: all-round phase for environmental analyses, trace analyses, EPA methods, pesticides, PCB, food and drug analyses

similar phases: DB-5 MS, HP-5 MS, Ultra-2, Equity-5, CP-Sil 8 CB low bleed/MS,

Rtx-5SIL-MS, Rtx-5 MS, 007-5 MS, BPX5, MDN-5S, AT-5 MS, VF-5 MS

Max. temperature for isothermal operation: 340 °C,

Max. temperature for short isotherms in a temperature programme: 360 °C

for cloumns with film thicknesses > 5.5 µm the max. temperatures are 320 and 340 °C

Material column	USP listing	Polarity	Film thickness µm	Int. Ø mm	Length m	Temperature max isotherm °C	Max. temperature programme °C
Quartz glass	G27, G36	Nonpolar	0.25	0.25	30	340	360
Quartz glass	G27, G36	Nonpolar	0.5	0.25	30	320	340
Quartz glass	G27, G36	Nonpolar	1	0.25	30	320	340
Quartz	G27, G36	Nonpolar	0.25	0.25	60	340	360
Quartz glass	G27, G36	Nonpolar	0.5	0.25	60	320	340
Quartz glass	G27, G36	Nonpolar	1	0.25	60	340	360
Quartz glass	G27, G36	Nonpolar	1	0.32	25	320	340
Quartz glass	G27, G36	Nonpolar	0.25	0.32	30	320	340
Quartz glass	G27, G36	Nonpolar	0.5	0.32	30	320	340
Quartz glass	G27, G36	Nonpolar	0.25	0.32	60	320	340
Quartz glass	G27, G36	Nonpolar	1	0.32	60	320	340

Each column is individually tested and supplied with test certificate and test chromatogram, but without fittings or ferrules. Column ends are melted or closed with septa, and thus protected from atmospheric oxygen.
Additionally, we supply the corresponding test mixture with each column.