

J & W GC Capillary Columns



GS-Alumina®

- PLOT column for the analysis of light hydrocarbons
- Separates C1-C4 saturated and unsaturated hydrocarbons
- Best for resolving cyclopropane from propylene
- Preferred substitution for sodium sulfate deactivated Alumina because of its regenerative nature

Note: Alumina columns have a tendency to adsorb water and CO₂ which, over time, results in changes in retention time. We use an advanced, proprietary deactivation process which allows for rapid regeneration. Fully water saturated GS-Alumina columns regenerate in 7 hours or less at 200°C.

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.53	30m	30.00µm	-60 to 200	115-3532
	50m	50.00µm	-60 to 200	115-3552

GS-Alumina/KCl

- Least “polar” Alumina phase
- Column choice for light hydrocarbon analysis
- Good resolution of propadiene and butadiene from ethylene and propylene streams

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.53	30m	N/A	-60 to 200	115-3332
	50m	N/A	-60 to 200	115-3352

GS-CarbonPLOT

- High stability, carbon layer stationary phase
- Unique selectivity for inorganic and organic gases
- Extended temperature limit of 360° C

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.32	15m	1.50µm	350/360	113-3112
	30m	1.50µm	350/360	113-3132
	30m	3.00µm	350/360	113-3133
	60m	1.50µm	350/360	113-3162
0.53	15m	3.00µm	350/360	115-3113
	30m	3.00µm	350/360	115-3133

GS-GasPro

- Unique bonded PLOT column technology
- Suitable for light hydrocarbons and sulfur gases
- Retention stability not affected by water
- Separates CO and CO₂ on a single column
- Ideal PLOT column for GC/MS – no particles

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.32	5m	N/A	260/300	113-4302
	15m	N/A	260/300	113-4312
	30m	N/A	260/300	113-4332
	60m	N/A	260/300	113-4362

GS-Q®

- Porous divinylbenzene homopolymer
- A PLOT column with polarity between Porapak-Q and Porapak-N
- Separates ethane, ethylene and ethyne (acetylene)
- Minimal conditioning time required – 1 hour

Note: GS-Q has been proven useful for separations of various gases including freons and sulfides (except for SO₂). Although GS-Q is not suitable for quantitating water or alcohols, aqueous injections will not harm the column.

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.32	25m	N/A	-60 to 250	113-3422
	30m	N/A	-60 to 250	113-3432
0.53	15m	N/A	-60 to 250	115-3412
	25m	N/A	-60 to 250	115-3422
	30m	N/A	-60 to 250	115-3432