

Tek offers six types to PLOT columns: GsBP-PLOT Al<sub>2</sub>O<sub>3</sub>, GsBP-PLOT Molesieve, GsBP-PLOT GasPro, and GsBP-PLOT Q, GsBP-PLOT U, and GsBP-PLOT Carbon. These different stationary phase columns can be used for various small molecule applications in petrochemical, environment, and pharmaceutical industries.

## GsBP-PLOT Al<sub>2</sub>O<sub>3</sub> Columns

Ideal column for light hydrocarbons C1 to C5 separations, CFCs

- Porous Al<sub>2</sub>O<sub>3</sub>, modified with KCl, Sodium sulfate, or "M" salts
- Immobilized, rinseable with water or methanol
- Wide range of column dimensions and stationary phase film thicknesses, high plate numbers
- Complete separations of C1 to C5 isomers at above ambient temperatures
- Minimize column selectivity variety/retention time shift from moisture effect
- Higher retention than other commercial brand

### Typical Applications

Natural gas	LPG	Ethylene	MAPP
Refiner gas	Propane	Propylene	Butadienes
CFCs	C1 to C5	Extended C1 to C10	Nitrogen oxides

## GsBP-PLOT Al<sub>2</sub>O<sub>3</sub> "KCl"

Porous Al<sub>2</sub>O<sub>3</sub>, modified by KCl salt

- Good separations of olefins C2 to C5, least activity for propadiene
- Significant moisture effect on acetylene/propadiene retention time shifting

**Similar Phases:** HP-PLOT/Al<sub>2</sub>O<sub>3</sub> "KCL", CP-Al<sub>2</sub>O<sub>3</sub>/KCL-PLOT

### GsBP-PLOT Al<sub>2</sub>O<sub>3</sub> "KCl" Ordering Info

ID (mm)	Length (m)	Film (um)	Temperature Limit (°C)	P/N
0.25	25	5	-60 to 200/250	8125-2505
	30	5	-60 to 200/250	8125-3005
0.32	15	8	-60 to 200/250	8132-1508
	30	8	-60 to 200	8132-3008
	50	8	-60 to 200	8132-5008
0.53	15	15	-60 to 200/250	8153-1515
	30	15	-60 to 200	8153-3015
	50	15	-60 to 200	8153-5015
	60	15	-60 to 200	8153-6015

## GsBP-PLOT Al<sub>2</sub>O<sub>3</sub> "S"

- Porous Al<sub>2</sub>O<sub>3</sub>, modified by Na<sub>2</sub>SO<sub>4</sub> salt
- Excellent separations of olefins C2 to C5, slight absorption of propadiene
- Least moisture effect on acetylene/propadiene retention time shifting

**Similar Phases:** HP-PLOT/Al<sub>2</sub>O<sub>3</sub> "S", CP-Al<sub>2</sub>O<sub>3</sub>/Na<sub>2</sub>SO<sub>4</sub>-PLOT

### GsBP-PLOT Al<sub>2</sub>O<sub>3</sub> "S" Ordering Info

ID (mm)	Length (m)	Film (um)	Temperature Limit (°C)	P/N
0.25	25	5	-60 to 200/250	8225-2505
	30	5	-60 to 200/250	8225-3005
0.32	15	8	-60 to 200/250	8232-1508
	30	8	-60 to 200	8232-3008
	50	8	-60 to 200	8232-5008
0.53	15	15	-60 to 200/250	8253-1515
	30	15	-60 to 200	8253-3015
	50	15	-60 to 200	8253-5015
	60	15	-60 to 200	8253-6015