

**TIP:** Use gas traps to improve gas quality.

## GsBP-CarboWax20M

General column for most popular applications, particularly chemical, pharmaceutical, agriculture, food, drinks, oil, cosmetics, flavor and fragrance, and others; ideal column for new method development

- Polyethylene Glycol
- True PEG selectivity
- Inert and near neutral surface, high plate numbers
- Polar, Equivalent to USP G14, G15, G16, G20, G39

**Similar Phases:** DB-CAM, HP-CarboWax 20M, Rtx-Wax

### Typical Applications:

Acids

Amines

Alcohols

Wine/Liqueur

### GsBP-CarboWax20M Ordering Info

ID (mm)	Length (m)	Film (um)	Temperature Limit (°C)	P/N
0.20	25	0.10	40 to 220	2220-2501
	50	0.10	40 to 220	2220-5001
0.25	30	0.25	40 to 220	2225-3002
0.32	30	0.25	40 to 220	2232-3002
	30	1.00	40 to 220	2232-3010
0.53	10	1.33	40 to 210	2253-1013
	30	1.33	40 to 210	2253-3013
	60	1.33	40 to 210	2253-6013

**TIP:** Before installing columns, cut 1-2 inches at both ends evenly.

## GsBP-PLOT Columns

- Porous Layer Open Tubular (PLOT) formed by various particle absorbents
- Truly immobilized particle coating on the capillary tubing wall. The use of a trap column is not necessary.
- Very high specific surface areas to provide high capacities needed for separations
- Different "polarities" (high column selectivity) leading to more specific separations
- Ideal columns for separating volatile and gaseous compounds
- A great replacement of packed columns
- Column customization – a similar column with an additional 75 USD and a 3 – 5 week lead time

### Common Practices and Tips:

- Avoid using the column at a temperature higher than the given temperature limit. This changes the selectivity.
- Avoid direct aqueous sample introduction to the Alumina and Molesieve PLOT columns.
- Avoid dirty sample introduction into all PLOT columns. With the introduction of dirty samples, the column takes a longer time to regain its peak performance. If a dirty sample is introduced, back flushing is the best method to clean the column.
- Performance regeneration can take a long time (10-24 hours) when the column is at its highest temperature in accordance with the temperature limits.