

# Solid Supports and Packings

## Carbograph™ Graphitized Carbon Blacks

- High Speed Analysis
- Optimum Peak Symmetry
- Wide Range of Applications
- Extremely Hydrophobic - Ideal for Aqueous Injections
- Less Expensive than other Equivalents

Carbograph™ packings are graphitized carbon blacks equivalent to the Carbopack packings. There are three different types of graphitized carbon blacks (Carbograph™ 1 and 2). Unlike diatomites that must have a stationary phase, Carbograph™ packings possess partitioning properties without any surface modifications. Carbograph™ packings can also be modified with a stationary phase giving them unique selectivities.

**Carbograph™ 1** Equivalent to Carbopack™ B. Obtained by graphitization and granulation. It has a surface area of 100m<sup>2</sup>/g. Carbograph™ 1-TD has a coarse mesh of 20/40 which is suitable for thermal desorption work. Maximum temperature 500°C.

**Carbograph™ 1SC** Similar to Carbopack™ BHT. It is a type of Carbograph™ 1 that is manufactured specifically for the separation of sulfur compounds SF<sub>6</sub>, SO<sub>2</sub>, H<sub>2</sub>S, COS, mercaptans, and disulfides. It is also suitable for analysis of sulfurs in oil products. Maximum temperature 225°C.

**Carbograph™ 2** Equivalent to Carbopack™ C. It has a specific surface of 10m<sup>2</sup>/g. It can be used alone as an uncoated adsorbent packing for the separation of volatile organic compounds. Carbograph™ 2-TD has a coarse mesh of 20/40 which is suitable for thermal desorption work. Maximum temperature 500°C.

Ordering Information		
Packings, Mesh size	QTY	Part No.
<b>Uncoated Carbograph™</b>		
Carbograph™ 1-TD, 20/40	15g	0900-K001
Carbograph™ 1, 60/80	10g	0900-K002
Carbograph™ 1, 80/120	10g	0900-K003
Carbograph™ 2-TD, 20/40	10g	0900-K004
Carbograph™ 2, 60/80	10g	0900-K005
Carbograph™ 2, 80/100	10g	0900-K006
Carbograph™ 1-SC, 40/60	10g	0900-K007
<b>Coated Carbograph™</b>		
4% Carbowax® 20M on Carbograph™ 1 DA	15g	0900-K008
0.2% Carbowax® 1500 on Carbograph™ 2, 60/80	15g	0900-K009
0.2% Carbowax® 1500 on Carbograph™ 2, 80/100	15g	0900-K010
5% Carbowax® 20M on Carbograph™ 1 AW	15g	0900-K011
6.6% Carbowax® 20M on Carbograph™ 1 AW	15g	0900-K012
4% Carbowax® 20M + 0.8% KOH on Carbograph™ 1	15g	0900-K013