



## PARTISIL®

- Irregular porous silica
- 5 and 10µm particle sizes
- Hichrom high efficiency

Partisil®, manufactured by Hichrom Ltd., was one of the first commercially available irregular silicas. A large surface area gives it a high loading capacity.

Partisil® ion-exchange materials are still widely used today.

Partisil® Phases	Functional Group	Endcapped	Particle Size (µm)	Pore Size (Å)	Surface Area (m <sup>2</sup> /g)	Carbon Load (%)
Silica	Octyl	-	5,10	85	350	-
C8	Octadecyl	Yes	5,10	85	350	9
ODS	Octadecyl	No	10	85	350	5
ODS2	Octadecyl	Yes	10	85	350	15
ODS3	Octadecyl	Yes	5,10	85	350	10.5
PAC	Amino-cyano	Np	5,10	85	350	16
SAX	Tetramethyl Ammonium	No	10	85	350	10
SCX	Sulphonic Acid	No	10	85	350	10

### Ordering Information - Partisil® Columns

#### Microbore (1.0mm - 2.1mm ID) and analytical (4.0mm ID) columns

Please contact us for further details of 1.0mm, 2.1mm and 4.0mm ID Partisil columns as well as Partisil original part numbers.

#### Medium bore (3.2mm ID) and analytical (4.6mm ID) columns

Partisil® Phase 5µm	Column Dimensions (mm)						Guard Cartridges <sup>1</sup> (For 3.2mm-4.0mm i.d. columns)
	50 x 3.2	150 x 3.2	250 x 3.2	50 x 4.6	150 x 4.6	250 x 4.6	
Silica	P5-50AS	P5-150AS	P5-250AS	P5-50A	P5-150A	P5-250A	P5-10C5
C8	P5C8-50AS	P5C8-150AS	P5C8-250AS	P5C8-50A	P5C8-150A	P5C8-250A	P5C8-10C5
ODS	P5ODS3-50AS	P5ODS3-150AS	P5ODS3-250AS	P5ODS3-50A	P5ODS3-150A	P5ODS3-250A	P5ODS3-10C5
PAC	P5PAC-50AS	P5PAC-150AS	P5PAC-250AS	P5PAC-50A	P5PAC-150A	P5PAC-250A	P5PAC-10C5

Partisil® Phase 10µm	Column Dimensions (mm)		Guard Cartridges <sup>1</sup> (For 3.2mm-4.0mm i.d. columns)
	250 x 4.6		
Silica	P10-250A		P10-10C5
C8	P10C8-250A		P10C8-10C5
ODS	P10ODS-250A		P10ODS-10C5
ODS2	P10ODS2-250A		P10ODS2-10C5
ODS3	P10ODS3-250A		P10ODS3-10C5
PAC	P10PAC-250A		P10PAC-10C5
SAX	P10SAX-250A		P10SAX-10C5
SCX	P10SCX-250A		P10SCX-10C5

<sup>1</sup> Use with free-standing holder HI-161 and column coupler HI-081.

<sup>2</sup> Starter kits also available.

Please contact us for ordering information on column dimensions not listed

