



HICHROM

Chromatography Columns and Supplies

LC COLUMNS Exsil

Catalogue 9

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EXSIL™

- Spherical porous silica
- 80 and 100Å pore sizes
- Competitively priced
- Hichrom high efficiency

Exsil™, initially developed by Exmere and now manufactured by Grace Materials Technologies / Discovery Sciences, is firmly established as a useful alternative to the classical spherical HPLC silicas. Exsil 100, the standard material, is supplied in a range of particle sizes and bonded phases to cover a wide range of applications. Exsil 80 is a higher surface area, complementary range of materials. Please enquire for further details.

Exsil Phases

Exsil Phase	Functional Group	Endcapped	Particle Size (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load (%)
Silica	-	-	5, 10	100	200	-
C1	Methyl	No	3, 5	100	200	3
C8	Octyl	Yes	3, 5	100	200	6
ODS	Octadecyl	Yes	3, 5, 10	100	200	11
ODS1	Octadecyl	No	3, 5	100	200	7
ODSB	Octadecyl	Yes	3, 5	100	200	12
CN	Cyano	No	3, 5	100	200	3.5
NH2	Amino	No	3, 5	100	200	2
SAX	Tetramethyl ammonium	No	5	100	200	3
SCX	Sulphonic acid	No	5	100	200	3

Ordering Information – Hichrom Manufactured Columns
Microbore (1.0 – 2.1mm i.d.) and Medium Bore (3.2mm i.d.) Columns

Please contact Hichrom for further details of 1.0, 2.1 and 3.2mm i.d. Exsil columns

Analytical (4.6mm i.d.) Columns

Exsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (For 4.6mm i.d. Columns)
	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	
3µm					(5/pk)³
C1	EXC1-3-50A	EXC1-3-100A	EXC1-3-150A	-	EXC1-3-10C5
C8	EXC8-3-50A	EXC8-3-100A	EXC8-3-150A	-	EXC8-3-10C5
ODS	EXODS-3-50A	EXODS-3-100A	EXODS-3-150A	-	EXODS-3-10C5
ODS1	EXODS1-3-50A	EXODS1-3-100A	EXODS1-3-150A	-	EXODS1-3-10C5
CN	EXCN-3-50A	EXCN-3-100A	EXCN-3-150A	EXCN-3-250A	EXCN-3-10C5
NH2	EXNH-3-50A	EXNH-3-100A	EXNH-3-150A	EXNH-3-250A	EXNH-3-10C5
				-	(5/pk)³
ODSB	EXODSB-3-50A	EXODSB-3-100A	EXODSB-3-150A	-	EXODSB-3-10C5
5µm					(5/pk)³
Silica	EX-5-50A	EX-5-100A	EX-5-150A	EX-5-250A	EX-5-10C5
C1	EXC1-5-50A	EXC1-5-100A	EXC1-5-150A	EXC1-5-250A	EXC1-5-10C5
C8	EXC8-5-50A	EXC8-5-100A	EXC8-5-150A	EXC8-5-250A	EXC8-5-10C5
ODS	EXODS-5-50A	EXODS-5-100A	EXODS-5-150A	EXODS-5-250A	EXODS-5-10C5
ODS1	EXODS1-5-50A	EXODS1-5-100A	EXODS1-5-150A	EXODS1-5-250A	EXODS1-5-10C5
CN	EXCN-5-50A	EXCN-5-100A	EXCN-5-150A	EXCN-5-250A	EXCN-5-10C5
NH2	EXNH-5-50A	EXNH-5-100A	EXNH-5-150A	EXNH-5-250A	EXNH-5-10C5
					(5/pk)³
ODSB	EXODSB-5-50A	EXODSB-5-100A	EXODSB-5-150A	EXODSB-5-250A	EXODSB-5-10C5
SAX	EXSAX-5-50A	EXSAX-5-100A	EXSAX-5-150A	EXSAX-5-250A	EXSAX-5-10C5
SCX	EXSCX-5-50A	EXSCX-5-100A	EXSCX-5-150A	EXSCX-5-250A	EXSCX-5-10C5
10µm	-				(5/pk)³
Silica	-	EX-10-100A	EX-10-150A	EX-10-250A	EX-10-10C5
ODS	-	EXODS-10-100A	EXODS-10-150A	EXODS-10-250A	EXODS-10-10C5

¹ Other column dimensions available – please enquire

² Use with free-standing holder HI-161

and column coupler HI-081

– see p. 24

³ Starter kits

also available – see p. 25