



HICHROM

Chromatography Columns and Supplies

LC COLUMNS
Thermo Scientific
Hypersil

Catalogue 9

Hichrom Limited

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Hypersil®

- Spherical porous silica
- 3, 5 and 10µm particle sizes

Hypersil® is a traditional 120Å pore size silica, manufactured by Thermo Scientific. The octyl-, cyano- and phenyl-bonded phases are available as both endcapped and non-endcapped materials.

Hypersil Phases

Hypersil Phase	Functional Group	Endcapped	Particle Size (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load (%)
Silica	-	No	3, 5	120	170	-
SAS (C1)	Methyl	No	5	120	170	2.5
MOS (C8)	Octyl	No	3, 5	120	170	6.5
MOS-2 (C8)	Octyl	Yes	5	120	170	6.5
ODS (C18)	Octadecyl	Yes	3, 5	120	170	10
ODS-2 (C18)	Octadecyl	Yes	3, 5	80	220	11
Phenyl	Phenyl	No	5	120	170	5
Phenyl-2	Phenyl	Yes	5	120	170	5
CPS (CN)	Cyano	No	3, 5	120	170	4
CPS-2 (CN)	Cyano	Yes	5	120	170	4
APS-2 (NH ₂)	Amino	No	3, 5	120	170	2

Ordering Information

Column i.d. (mm)	Column Length (mm)				Guard Cartridges (4/pk)
	50	100	150	250	
Hypersil 3µm					
2.1	xxxxx-052130	xxxxx-102130	xxxxx-152130	xxxxx-252130	xxxxx-012101 ¹
3.0	xxxxx-053030	xxxxx-103030	xxxxx-153030	xxxxx-253030	xxxxx-013001 ²
4.0	xxxxx-054030	xxxxx-104030	xxxxx-154030	xxxxx-254030	xxxxx-014001 ³
4.6	xxxxx-054630	xxxxx-104630	xxxxx-154630	xxxxx-254630	xxxxx-014001 ³
Hypersil 5µm					
2.1	xxxxx-052130	xxxxx-102130	xxxxx-152130	xxxxx-252130	xxxxx-012101 ¹
3.0	xxxxx-053030	xxxxx-103030	xxxxx-153030	xxxxx-253030	xxxxx-013001 ²
4.0	xxxxx-054030	xxxxx-104030	xxxxx-154030	xxxxx-254030	xxxxx-014001 ³
4.6	xxxxx-054630	xxxxx-104630	xxxxx-154630	xxxxx-254630	xxxxx-014001 ³

¹ 10 x 2.1mm. Use with Uniguard® direct connect holder 852-00

² 10 x 3mm. Use with Uniguard® direct connect holder 852-00

³ 10 x 4mm. Use with Uniguard® direct connect holder 850-00

When ordering, please replace 'xxxxx' with the appropriate Hypersil material code.

	3µm	5µm		3µm	5µm
Hypersil Silica	30003	30005	Hypersil Phenyl	-	30905
Hypersil SAS	-	30505	Hypersil Phenyl-2	-	31905
Hypersil MOS	30203	30205	Hypersil CPS	30803	30805
Hypersil MOS-2	-	30305	Hypersil CPS-2	-	31805
Hypersil ODS	30103	30105	Hypersil APS-2	30703	30705
Hypersil ODS-2	31603	31605			

Please note that not all phases are available in every dimension.
Please contact Hichrom for ordering information on 10µm Hypersil columns.