



HICHROM

Chromatography Columns and Supplies

LC COLUMNS
Thermo Scientific
Hypersil BDS

Catalogue 9

Hichrom Limited

1 The Markham Centre, Station Road
Theale, Reading, Berks, RG7 4PE, UK

Tel: +44 (0)118 930 3660 Fax: +44 (0)118 932 3484

Email: sales@hichrom.co.uk www.hichrom.co.uk

Hypersil® BDS

- Reduced peak tailing for basic compounds
- All phases endcapped
- Good performance with acidic, basic and neutral compounds

Hypersil® BDS is manufactured by Thermo Scientific. It is base deactivated to remove the active silanols and present a homogeneous surface for bonding, resulting in improved peak shape and column performance. Hypersil BDS is available in C8, C18, phenyl and cyano phases.

Hypersil BDS Phases

Hypersil BDS Phase	Particle Size (µm)	Pore Size (Å)	Pore Volume (cc/g)	Surface Area (m ² /g)	Carbon Load (%)
BDS C8	2.4, 3, 5	130	0.65	170	11
BDS C18	2.4, 3, 5	130	0.65	170	7
BDS Phenyl	3, 5	130	0.65	170	5
BDS Cyano (CPS)	3, 5	130	0.65	170	4

Ordering Information

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

Hypersil BDS C8 3µm	28203
Hypersil BDS C8 5µm	28205
Hypersil BDS C18 3µm	28103
Hypersil BDS C18 5µm	28105
Hypersil BDS Phenyl 3µm	28903
Hypersil BDS Phenyl 5µm	28905
Hypersil BDS Cyano 3µm	28803
Hypersil BDS Cyano 5µm	28805

Please note that not all phases are available in every dimension.

Please contact Hichrom for ordering information for 2.4µm phases.