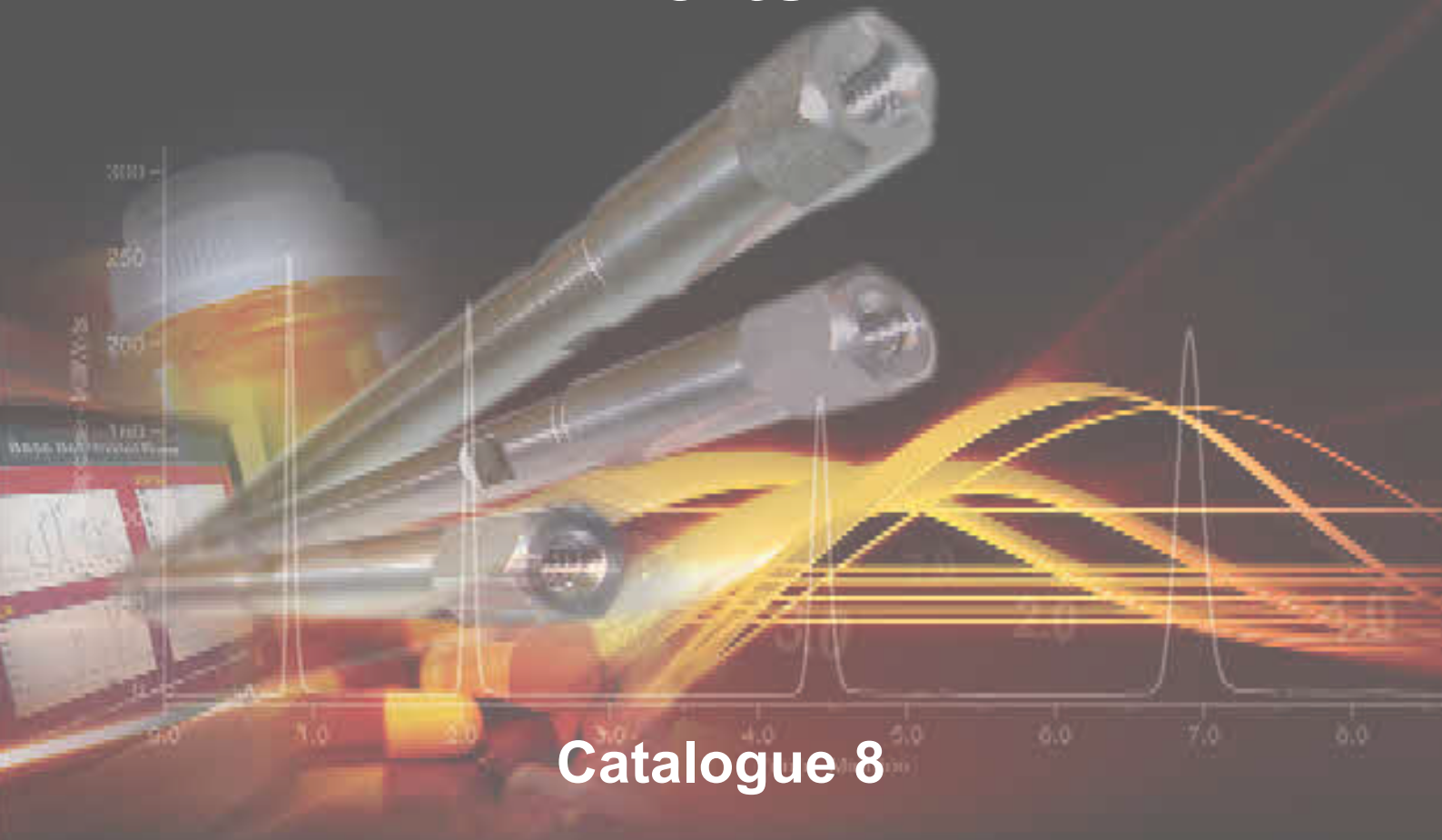




HICHROM

Chromatography Columns and Supplies

HPLC Columns and Materials Inertsil



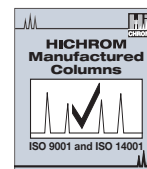
Catalogue 8

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- Spherical porous silica
- Series 2 / Series 3 base deactivated columns
- Hichrom high efficiency

Inertsil® is a high purity silica manufactured by GL Sciences, Japan. Inertsil ODS-2 and ODS-3 have been developed for searching applications involving acidic and basic molecules.

Inertsil Phases

Inertsil Phase	Functional Group	Endcapped	Particle Size (µm)	Pore Size (Å)	Surface Area (m ² /g)	Carbon Load (%)
C4	Butyl	Yes	5	150	320	7.5
C8	Octyl	Yes	5	150	320	10.5
ODS	Octadecyl	Yes	5	100	350	14
ODS-2	Octadecyl	Yes	5	150	320	18.5
ODS-3	Octadecyl	Yes	3, 5	100	450	15
Phenyl	Phenyl	Yes	5	150	320	10

Ordering Information - Hichrom Manufactured Columns

Microbore (1mm i.d.) Columns

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (For 1.0mm i.d. Columns)
	50 x 1.0	100 x 1.0	150 x 1.0	250 x 1.0	
ODS-2	£305	£320	£335	£365	£99 (5/pk) ³
	INODS2-50M	INODS2-100M	INODS2-150M	INODS2-250M	INODS2-10CE5
ODS	£315	£330	£345	£375	£99 (5/pk) ³
	INODS-50M	INODS-100M	INODS-150M	INODS-250M	INODS-10CE5
C8	INC8-50M	INC8-100M	INC8-150M	INC8-250M	INC8-10CE5
Phenyl	INP-50M	INP-100M	INP-150M	INP-250M	INP-10CE5
C4	£365	£385	£395	£425	£99 (5/pk) ³
	INC4-50M	INC4-100M	INC4-150M	INC4-250M	INC4-10CE5

Microbore (2.1mm i.d.) Columns

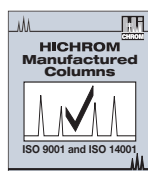
Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (For 2.1mm i.d. Columns)
	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	
ODS-2	£280	£295	£310	£340	£99 (5/pk) ³
	INODS2-50AM	INODS2-100AM	INODS2-150AM	INODS2-250AM	INODS2-10CM5
ODS	£290	£305	£320	£350	£99 (5/pk) ³
	INODS-50AM	INODS-100AM	INODS-150AM	INODS-250AM	INODS-10CM5
C8	INC8-50AM	INC8-100AM	INC8-150AM	INC8-250AM	INC8-10CM5
Phenyl	INP-50AM	INP-100AM	INP-150AM	INP-250AM	INP-10CM5
C4	£340	£355	£370	£400	£99 (5/pk) ³
	INC4-50AM	INC4-100AM	INC4-150AM	INC4-250AM	INC4-10CM5

¹ Other column dimensions available - please enquire

² Use with free-standing holder HI-161 (£45) and column coupler HI-081 (£15) - see p.26

³ Starter kits (£110) also available - see p.27





INERTSIL® (continued)

Medium Bore (3.2mm i.d.) Columns

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (For 3.2mm i.d. Columns)
	50 x 3.2	100 x 3.2	150 x 3.2	250 x 3.2	
	£255	£270	£285	£315	£99 (5/pk)³
ODS-2	INODS2-50AS	INODS2-100AS	INODS2-150AS	INODS2-250AS	INODS2-10C5
	£265	£280	£295	£325	£99 (5/pk)³
ODS	INODS-50AS	INODS-100AS	INODS-150AS	INODS-250AS	INODS-10C5
C8	INC8-50AS	INC8-100AS	INC8-150AS	INC8-250AS	INC8-10C5
Phenyl	INP-50AS	INP-100AS	INP-150AS	INP-250AS	INP-10C5
	£315	£330	£345	£375	£99 (5/pk)³
C4	INC4-50AS	INC4-100AS	INC4-150AS	INC4-250AS	INC4-10C5

Analytical (4.0mm i.d.) Columns

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (For 4.0mm i.d. Columns)
	50 x 4.0	100 x 4.0	150 x 4.0	250 x 4.0	
	£255	£270	£285	£315	£99 (5/pk)³
ODS-2	INODS2-50AF	INODS2-100AF	INODS2-150AF	INODS2-250AF	INODS2-10C5
	£265	£280	£295	£325	£99 (5/pk)³
ODS	INODS-50AF	INODS-100AF	INODS-150AF	INODS-250AF	INODS-10C5
C8	INC8-50AF	INC8-100AF	INC8-150AF	INC8-250AF	INC8-10C5
Phenyl	INP-50AF	INP-100AF	INP-150AF	INP-250AF	INP-10C5
	£315	£330	£345	£375	£99 (5/pk)³
C4	INC4-50AF	INC4-100AF	INC4-150AF	INC4-250AF	INC4-10C5

Analytical (4.6mm i.d.) Columns

Inertsil 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	
	£255	£270	£285	£315	£99 (5/pk)³
ODS-2	INODS2-50A	INODS2-100A	INODS2-150A	INODS2-250A	INODS2-10C5
	£265	£280	£295	£325	£99 (5/pk)³
ODS	INODS-50A	INODS-100A	INODS-150A	INODS-250A	INODS-10C5
C8	INC8-50A	INC8-100A	INC8-150A	INC8-250A	INC8-10C5
Phenyl	INP-50A	INP-100A	INP-150A	INP-250A	INP-10C5
	£315	£330	£345	£375	£99 (5/pk)³
C4	INC4-50A	INC4-100A	INC4-150A	INC4-250A	INC4-10C5

¹ Other column dimensions available - please enquire

² Use with free-standing holder HI-161 (£45) and column coupler HI-081 (£15) - see p.26

³ Starter kits (£110) also available - see p.27

Semi-Preparative and Preparative (7.75 - 21.2mm i.d.) Columns

Please contact Hichrom for further details of 7.75 - 21.2mm i.d. Inertsil® columns.

Inertsil ODS-3

Inertsil Phase	Column Dimensions (mm)		
	100 x 4.6	150 x 4.6	250 x 4.6
ODS-3 3µm	INODS3-3-100D £284	INODS3-3-150D £304	-
ODS-3 5µm	INODS3-100D £233	INODS3-150D £253	INODS3-250D £284

HPLC Columns

INERTSIL® (continued)**Ordering Information - GL Sciences Manufactured Columns (Inertsil 2 Series)****Microbore (2.1mm i.d.) Columns**

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (2/pk) (For 2.1mm i.d. Columns)
	50 x 2.1	100 x 2.1	150 x 2.1	250 x 2.1	
	£320	£320	£320	£354	£130
ODS-2	5020-ODS2-21-50	5020-ODS2-21-100	5020-01101-21	5020-01102-21	5020-08518-50DS2
	£362	£362	£362	£388	£130
C8	5020-C8-21-50	5020-C8-21-100	5020-01201-21	5020-01202-21	5020-08518-5C8
Phenyl	5020-PH-21-50	5020-PH-21-100	5020-01301-21	5020-01302-21	5020-08518-5PH
	£405	£405	£405	£439	£130
C4	5020-C4-21-50	5020-C4-21-100	5020-01401-21	5020-01402-21	5020-08518-5C4

Medium Bore (3.0mm i.d.) Columns

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (2/pk) (For 3.0mm i.d. Columns)
	50 x 3.0	100 x 3.0	150 x 3.0	250 x 3.0	
	£320	£320	£320	£354	£130
ODS-2	5020-ODS2-30-50	5020-ODS2-30-100	5020-01101-30	5020-01102-30	5020-08515-50DS2
	£362	£362	£362	£388	£130
C8	5020-C8-30-50	5020-C8-30-100	5020-01201-30	5020-01202-30	5020-08515-5C8
Phenyl	5020-PH-30-50	5020-PH-30-100	5020-01301-30	5020-01302-30	5020-08515-5PH
	£405	£405	£405	£439	£130
C4	5020-C4-30-50	5020-C4-30-100	5020-01401-30	5020-01402-30	5020-08515-5C4

Analytical (4.0mm i.d.) Columns

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (2/pk) (For 4.0mm i.d. Columns)
	50 x 4.0	100 x 4.0	150 x 4.0	250 x 4.0	
	£320	£320	£320	£354	£130
ODS-2	5020-ODS2-40-50	5020-ODS2-40-100	5020-01101-40	5020-01102-40	5020-08510-50DS2
	£362	£362	£362	£388	£130
C8	5020-C8-40-50	5020-C8-40-100	5020-01201-40	5020-01202-40	5020-08510-5C8
Phenyl	5020-PH-40-50	5020-PH-40-100	5020-01301-40	5020-01302-40	5020-08510-5PH
	£405	£405	£405	£439	£130
C4	5020-C4-40-50	5020-C4-40-100	5020-01401-40	5020-01402-40	5020-08510-5C4

Analytical (4.6mm i.d.) Columns

Inertsil Phase	Column Dimensions ¹ (mm)				Guard Cartridges ² (2/pk) (For 4.6mm i.d. Columns)
	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	
	£320	£320	£320	£354	£130
ODS-2	5020-ODS2-46-50	5020-ODS2-46-100	5020-01101-46	5020-01102-46	5020-08510-50DS2
	£362	£362	£362	£388	£130
C8	5020-C8-46-50	5020-C8-46-100	5020-01201-46	5020-01202-46	5020-08510-5C8
Phenyl	5020-PH-46-50	5020-PH-46-100	5020-01301-46	5020-01302-46	5020-08510-5PH
	£405	£405	£405	£439	£130
C4	5020-C4-46-50	5020-C4-46-100	5020-01401-46	5020-01402-46	5020-08510-5C4

¹ Other column dimensions available - please enquire² Use with free-standing holder 5020-08500 (£90)