VDSpher® Use a better column

Price List 2024

Columns & Guard Cartridges / Dimension Codes & Prices

HPLC Columns			Price Groups / net prices in EURO						
ID mm	Length mm	Dimension Code*	1V	2V	3V	4V	5V	6V	7V
2.0 = 020 2.1 = 021	50	xxx050		430.00 €	500.00 €	650.00 €		☎	430.00 €
	75	xxx075		430.00 €	500.00 €	650.00 €		☎	430.00 €
	100	xxx100		460.00 €	535.00 €	685.00 €		☎	460.00 €
	125	xxx125		460.00 €	535.00 €	685.00 €		☎	460.00 €
	150	xxx150		460.00 €	535.00 €	685.00 €		☎	460.00 €
	250	xxx250		☎	☎	☎	☎	☎	☎
3.0 = 030 3.9 = 039 4.0 = 040	50	xxx050	350.00 €	380.00 €	450.00 €	606.00 €	250.00 €	270.00 €	290.00 €
	60	xxx060	350.00 €	380.00 €	450.00 €	606.00 €	250.00 €	270.00 €	290.00 €
	75	xxx075	350.00 €	380.00 €	450.00 €	606.00 €	250.00 €	270.00 €	290.00 €
	100	xxx100	365.00 €	410.00 €	485.00 €	628.00 €	280.00 €	310.00 €	345.00 €
	125	xxx125	365.00 €	410.00 €	485.00 €	☎	280.00 €	310.00 €	345.00 €
	150	xxx150	365.00 €	410.00 €	485.00 €		305.00 €	330.00 €	370.00 €
	250	xxx250	375.00 €	440.00 €	520.00 €		370.00 €	390.00 €	440.00 €
	300	xxx300	390.00 €	☎	☎		390.00 €	☎	☎
4.6	50	046050	350.00 €	380.00 €	450.00 €	606.00 €	250.00 €	270.00 €	290.00 €
	60	460060	350.00 €	380.00 €	450.00 €	606.00 €	250.00 €	270.00 €	290.00 €
	75	046075	350.00 €	380.00 €	450.00 €	606.00 €	250.00 €	270.00 €	290.00 €
	100	046100	365.00 €	410.00 €	485.00 €	628.00 €	280.00 €	320.00 €	355.00 €
	125	046125	365.00 €	410.00 €	485.00 €	☎	280.00 €	320.00 €	355.00 €
	150	046150	365.00 €	410.00 €	485.00 €		305.00 €	350.00 €	390.00 €
	250	046250	375.00 €	440.00 €	520.00 €		370.00 €	430.00 €	500.00 €
	300	046300	390.00 €	☎	☎		390.00 €	☎	☎
Guard Cartridges 5 pcs./pk									
2.0	5	020005V		270.00 €	310.00 €	435.00 €		☎	280.00 €
	10	020010V		270.00 €	310.00 €	435.00 €		☎	280.00 €
	20	020020V		270.00 €	310.00 €			☎	280.00 €
4.0	5	040005V	260.00 €	270.00 €	310.00 €	435.00 €	250.00 €	260.00 €	280.00 €
	10	040010V	260.00 €	270.00 €	310.00 €	435.00 €	250.00 €	260.00 €	280.00 €
	20	040020V	260.00 €	270.00 €	310.00 €		250.00 €	260.00 €	280.00 €

*** Assignment of column inner diameter to Dimension Code**

Columns with ID 2.0/2.1 mm and ID 3.0/3.9/4.0 mm have the same prices.

Please enter the corresponding inner diameter code for xxx.

Other column dimensions available on request and at an additional cost.

For item number, please insert Phase Code (shown in blue) in front of Dimension Code (shown in green). You can find the corresponding Price Group (shown in red) next to the phase code.

Example: VDSpher PUR 100 C18-E, 3 µm, 4.0 x 125 mm

Phase Code: VPE181G + Dimension Code: 040125

= Item No.: VPE181G040125 / Price Group 3V = 485.00 Euro

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NEW! - VDSpher® II - NEU!

Phase	C %	Endcapping	3 µm	5 µm
120 ODS	17.0	fully	VTF18FG / 3V	VTF18FJ / 2V
120 ODS-EPG	18.5	yes	VTF18PG / 3V	VTF18PJ / 2V
100 ODS	17.0	fully	☎	VTE18FJ / 2V
100 ODS-HD	24.0	fully	VTE18CG / 3V	VTE18CJ / 2V

VDSpher® PUR 100 Å

Phase	C %	Endcapping	2.5 µm	3 µm	3.5 µm	4 µm	5 µm	10 µm
SIL	n/a	n/a		VPE000G / 3V	☎	☎	VPE000J / 1V	☎
C4-E	7.0	liquid		☎			VPE041J / 1V	
C8-NE	9.9	no					VPE08EJ / 1V	
C8-E	10.0	liquid		VPE081G / 3V	VPE081H / 2V	VPE081I / 2V	VPE081J / 1V	☎
C8-SE	10.4	gas		VPE08BG / 3V	VPE08BH / 2V		VPE08BJ / 1V	☎
C8-M	8.2	no					VPE089J / 1V	
C8-M-E	10.7	liquid					VPE082J / 1V	
C8-M-SE	11.0	gas	☎	☎		☎	VPE08DJ / 1V	
C8-H	8.5	polar		VPE084G / 3V			VPE084J / 1V	
C18-NE	16.3	no		VPE18EG / 3V			VPE18EJ / 1V	☎
C18-E	16.8	liquid	VPE181F / 3V	VPE181G / 3V	VPE181H / 2V	VPE181I / 2V	VPE181J / 1V	VPE181N / 1V
C18-SE	17.0	gas	VPE18BF / 3V	VPE18BG / 3V	VPE18BH / 2V	VPE18BI / 2V	VPE18BJ / 1V	VPE18BN / 1V
C18-M	17.5	no	VPE189F / 3V	VPE189G / 3V	VPE189H / 2V	☎	VPE189J / 1V	
C18-M-E	19.0	liquid		VPE182G / 3V	VPE182H / 2V	☎	VPE182J / 1V	☎
C18-M-SE	20.0	gas	VPE18DF / 3V	VPE18DG / 3V	VPE18DH / 2V	☎	VPE18DJ / 1V	VPE18DN / 1V
C18-H	11.5	polar	☎	VPE184G / 3V	VPE184H / 2V	VPE184I / 2V	VPE184J / 1V	☎
Phenyl-E	10.5	liquid		VPE051G / 3V	VPE051H / 2V	VPE051I / 2V	VPE051J / 1V	
Phenyl-SE	10.7	gas	☎	VPE05BG / 3V		☎	VPE05BJ / 1V	
BiPhenyl	12.8	liquid					VPEB51J / 1V	
Phenyl-Hexyl	14.0	liquid					VPE053J / 1V	
CN	6.5	liquid		☎	☎	VPE209I / 2V	VPE209J / 1V	
CN-RP	6.5	liquid		☎	☎	VPE21RI / ☎	VPE21RJ / ☎	
CN-SE	7.0	gas	☎			☎	VPE20BJ / 1V	
Diol	4.5	no		VPE419G / 3V			VPE419J / 1V	
NH_2	4.0	no		VPE199G / 3V	☎	VPE199I / 2V	VPE199J / 1V	
NH_2-SE	5.0	gas		VPE19DG / 3V			VPE19DJ / 1V	
PEI	prop.	anion exchanger					☎	☎

CN-RP separation columns have an additional charge of 20 euros (not discountable) compared to the standard CN columns.

VDSpher® 100 Å (Classic)

Phase	C %	Endcapping	5 µm	10 µm
SIL	n/a	n/a	VDE000J / 1V	VDE000N / 1V
C4-E	7.0	liquid	VDE041J / 1V	☎
C8-E	10.0	liquid	VDE081J / 1V	☎
C8-SE	10.4	gas	☎	☎
C18-E	16.8	liquid	VDE181J / 1V	VDE181N / 1V
C18-SE	17.0	gas	VDE18BJ / 1V	☎
C18-M	17.5	no	VDE189J / 1V	☎
C18-M-E	19.0	liquid	VDE182J / 1V	☎
C18-M-SE	20.0	gas	VDE18DJ / 1V	VDE18DN / 1V
C18-H	11.5	polar	VDE184J / 1V	☎
Phenyl-E	10.5	liquid	VDE051J / 1V	☎
CN	6.5	liquid	VDE209J / 1V	VDE209N / 1V
CN-RP	6.5	liquid	VDE21RJ / ☎	VDE21RN / ☎
Diol	4.5	no	VDE419J / 1V	VDE419N / 1V
NH_2	4.0	no	VDE199J / 1V	VDE199N / 1V

VDSpher® OptiAqua (Classic + PUR)

Phase	C %	Endcapping	2.5 µm	3 µm		4 µm	5 µm	10 µm
100 C8	8.1	polar					OAE084J / 1V	
100 C18	13.0	polar					OAE184J / 1V	OAE184N / 1V
100 PUR C8	8.1	polar					OQE084J / 1V	
100 PUR C18	13.0	polar	OQE184F / 3V	OQE184G / 3V		OQE184I / 2V	OQE184J / 1V	☎
150 PUR C18	8.0	polar					OQG184J / 1V	

VDSpher® CSM (Core Shell Mode)

Phase	C %	Endcapping	2.5 µm
C18-E	6.6	liquid	VCX181F / 3V
C18-AQ	5.0	yes / polar	VCX184F / 3V
C18-M-SE	8.0	gas	VCX18DF / 3V

U-VDSpher® PUR 100 Å

Phase	C %	Endcapping	1.8 µm
SIL	n/a	n/a	UVE000C / 4V
C8-E	10.0	liquid	☎
C18-E	16.8	liquid	UVE181C / 4V
C18-SE	17.0	gas	UVE18BC / 4V
C18-M	17.5	no	UVE189C / 4V
C18-M-SE	20.0	gas	UVE18DC / 4V
C18-H	11.5	polar	UVE184C / 4V
CN	6.5	liquid	☎
Phenyl-E	10.5	liquid	UVE051C / 4V

VDSpher® PUR 100 Å HILIC

Phase	C %	Endcapping	3 µm	5 µm
HILIC	-	-	VPE950G / 3V	VPE950J / 2V
HILIC-AM	n/a	-	VPE979G / 3V	VPE979J / 2V
HILIC-SAC	n/a	-		VPE999J / 2V
HILIC-OH	n/a	-	VPE969G / 3V	VPE969J / 2V
HILIC-Z	n/a	-		VPE980J / 2V

VDSpher® HypRep

Phase	C %	Endcapping	3 µm	5 µm
ODS	9.5	yes	VRHF18G / 7V	VRHF18J / 6V
BDS-C18	11.0	yes	VRHB18G / 7V	VRHB18J / 7V

VDSpher® 100 K

Phase	C %	Endcapping	3.5 µm	5 µm
C1	4.7	yes	VDEK01H / 6V	VDEK01J / 5V
C8	12.0	yes	VDEK08H / 6V	VDEK08J / 5V
C18	20.0	yes	VDEK18H / 6V	VDEK18J / 5V

VDSpher® OptiBio PUR 300 Å

Phase	C %	Endcapping	5 µm
C4-E	2.5	liquid	☎
C4-SE	2.7	gas	ORK04BJ / 3V
C4-M-E	3.0	liquid	ORK042J / 3V
C8-E	4.0	liquid	☎
C8-SE	4.3	liquid	☎
C8-M-E	4.5	liquid	☎
C8-M-SE	5.0	liquid	☎
C18-E	6.6	liquid	ORK181J / 3V
C18-SE	7.0	gas	ORK18BJ / 3V
C18-M-E	7.6	liquid	☎
C18-M-SE	8.0	gas	ORK18DJ / 3V
Diol	2.0	-	ORK419J / 3V
(Classic) C18-M	6.5	-	OBK189J / 3V

ID 2 - 4.6 mm Guard Cartridge Holder / Vorsäulenkartuschenhalter

Direct connecting Guard Cartridge Holder for inner diameters from 2.0 to 4.6 mm / Vorsäulenkartuschenkopf zum Aufschrauben auf die Säule		
SZ-020046KK05	Direct connecting Guard Cartridge Holder for 5 mm long Guard Cartridges	169.00 €
SZ-020046KK10-20	Direct connecting Guard Cartridge Holder for 10 + 20 mm long Guard Cartridges	179.00 €
Stand alone Guard Cartridge Holder for inner diameters from 2.0 to 4.6 mm / Vorsäulenkartuschenhalter freistehend für ID 2,0 bis 4,6 mm		
SZ-020046KH05	for 5 mm long Guard Cartridges / für Kartuschen mit 5 mm Länge	149.00 €
SZ-020046KH10	for 10 mm long Guard Cartridges / für Kartuschen mit 10 mm Länge	149.00 €
SZ-020046KH20	for 20 mm long Guard Cartridges / für Kartuschen mit 20 mm Länge	159.00 €

VDSpher® 100 Classic Semi-Preparative Columns

Phase	C %	Endcapping	5 µm	10 µm
SIL	n/a	n/a	VDE000J / 2P	VDE000N / 1P
C8-E	10.0	liquid	VDE081J / 2P	☎
C18-E	16.8	liquid	VDE181J / 2P	VDE181N / 1P
C18-M	17.5	no	VDE189J / 2P	☎
Phenyl-E	10.5	liquid	VDE051J / 2P	VDE051N / 1P
CN	6.5	liquid	VDE209J / 2P	VDE209N / 1P
Diol	4.5	no	VDE419J / 2P	VDE419N / 1P
NH2	4.0	no	VDE199J / 2P	VDE199N / 1P
OptiAqua C18	13.0	polar	OAE184J / 2P	OAE184N / 1P

More VDSpher Classic modifications, VDSpher II and OptiBio separation phases available on request.

VDSpher® 100 PUR Semi-Preparative Columns

Phase	C %	Endcapping	5 µm	10 µm
SIL	n/a	n/a	VPE000J / 2P	VPE000N / 1P
C4-E	7.0	liquid	VPE041J / 2P	☎
C8-E	10.0	liquid	VPE081J / 2P	VPE081N / 1P
C18-E	16.8	liquid	VPE181J / 2P	VPE181N / 1P
C18-M	17.5	no	VPE189J / 2P	☎
C18-M-SE	20.0	gas	VPE18DJ / 2P	VPE18DN / 1P
C18-H	11.5	polar	VDE184J / 2P	☎
Phenyl-E	10.5	liquid	VPE051J / 2P	
CN	6.5	liquid	VPE209J / 2P	
Diol	4.5	no	VPE419J / 2P	
NH2	4.0	no	VPE199J / 2P	
OptiAqua C18	13.0	polar	OQE184J / 2P	☎

VDSpher® Semi-Preparative Columns Price List 2024
Columns & Guard Cartridges / Dimension Codes & Prices

HPLC Columns			Price Groups / net prices in EURO	
ID mm	Length mm	Dimension Code	1P	2P
8.0	100	080100	430.00 €	460.00 €
	250	080250	480.00 €	540.00 €
	Guard 10	080010V	270.00 € / 3 pc.	270.00 € / 3 pc.
	Guard 20	080020V	290.00 € / 3 pc.	290.00 € / 3 pc.
	P/N: SZ-080010KH		Semi-Prep Guard Cartridge Holder, 10 x 8 mm ID	175.00 €
	P/N: SZ-080020KH		Semi-Prep Guard Cartridge Holder, 20 x 8 mm ID	195.00 €
10.0	150	100150	680.00 €	730.00 €
	250	100250	730.00 €	860.00 €
	Guard	For 10 mm inner diameter columns please use 8 mm inner diameter Guard Cartridges.		
20.0	30	200030	590.00 €	650.00 €
	150	200150	980.00 €	1,150.00 €
	250	200250	1,150.00 €	1,450.00 €
	Guard 10	200010V	290.00 € / 2 pc.	290.00 € / 2 pc.
	P/N: SZ-200010KH		Semi-Prep Guard Cartridge Holder for 20 mm ID	220.00 €
30.0	30 mm ID columns only available with VDSpher Classic separation phases!			
	100	300100	2,580.00 €	2,800.00 €
	150	300150	2,740.00 €	3,050.00 €
	250	300250	3,050.00 €	3,570.00 €
	Guard 10	300010V	☎	☎
	P/N: SZ-300010KH		Preparative Guard Cartridge Holder for 30 mm ID	☎

Prices for columns with 40 and 50 mm inner diameter on request.

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