

Innovative products for Chromatography

Safety cap with shut-off function

The shut off on these safety caps can be closed to keep capillaries and inlet filters in the solvent during HPLC pump ensuring that the frits are not in contact with the ambient air. The pump can then be quickly and easily flushed during purging after a repair. The safety cap also prevents air entering the tube during solvent changes and guarantees that ongoing analysis continues without a problem.

- Recommend for HPLC systems
- Chemically-resistant against aggressive organic solvents

VWR Collection
15% OFF



Description	Cat. No.	Price, €	Promo price, €
Safety cap, shut-off valve, 1 port, 3,2 mm OD tube, GL45	590-1502P	92,00	78,20
Safety cap, shut-off valve, 2 port, 3,2 mm OD tube, GL45	590-1514P	110,00	93,50
Safety cap, shut-off valve, 3 port, 3,2 mm OD tube, GL45	590-1515P	118,00	100,30

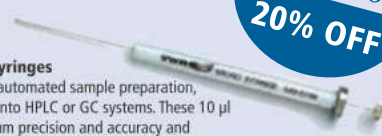
VWR Collection chromatography syringes

VWR Collection
20% OFF

Standard micro syringes

Ideal for manual or automated sample preparation, or sample injection into HPLC or GC systems. These 10 µl syringes give optimum precision and accuracy and are a great value tool.

Special Teflon® seals ensure air tightness and prevent leakage. All parts that are in contact with liquids are made of stainless steel and neutral glass. Fixed needle, bent point style, 50 mm length.



Gas tight syringes

Connection head for setting directly onto instruments like an autosampler. All materials that are in contact with the sample are made from borosilicate glass and Teflon® providing an excellent performance if inertness is required.

Description	Cat. No.	Price, €	Promo price, €
Standard micro syringe	549-0199P	20,00	16,00
Gas tight syringe	549-0539P	54,90	43,92

BDH Prolabo® HiPerSolv® CHROMANORM® solvents for HPLC LC/MS

40% OFF



NEW RANGE

High purity solvents to meet the highly demanding requirements of HPLC LC/MS

- High UV performance gradient test at 210, 235 and 254 nm
- Low alkaline metal content of max. 0.1 ppm
- Filtered at 0.2 µm
- Bottled under nitrogen
- Fitted with caps with PTFE liners to prevent contamination
- Impurities causing interfering peaks on gas chromatogram are not greater than:
 - 5 ng/l of Lindan by electron capture detection
 - 10 ng/l of Ethylparathion by phosphorus nitrogen detection
- Certificates of analysis available on the web
- Packed in glass bottles



Type	Qty/Pk	Cat. No.	Price, €	Promo price, €
Acetonitrile HiPerSolv® CHROMANORM® LC/MS	1 l	83640.290P	80,20	48,12
Acetonitrile HiPerSolv® CHROMANORM® LC/MS	2.5 l	83640.320P	195,00	117,00
Methanol HiPerSolv® CHROMANORM® LC/MS	1 l	83638.290P	24,00	14,40
Methanol HiPerSolv® CHROMANORM® LC/MS	2.5 l	83638.320P	38,00	22,80
Water HiPerSolv® CHROMANORM® LC/MS	1 l	83645.290P	13,50	8,10
Water HiPerSolv® CHROMANORM® LC/MS	2.5 l	83645.320P	27,00	16,20

Be certified with the new Acrodisc® MS syringe filters



The new standard for LC/MS sample preparation and filtration of organic or aqueous solvent-based samples mean these unique syringe filters are ideal and certified for LC/MS sample prep.

- Extremely low levels of extractables
- Compatible with virtually all solvents
- Water-wettable PTFE – compatible with aqueous and organic samples
- Low protein binding
- Protects instruments against particulate build-up, prolonging column life
- Diameter 25 mm, pore size: 0,2 µm

NEW & EXCLUSIVE to VWR



Type	Qty/Pk	Cat. No.	Price, €
Acrodisc® MS syringe filter, WWPTFE membrane, sample pack	3	PALLSMS-3201	kostenlos
Acrodisc® MS syringe filter, WWPTFE membrane	20	514-0287P	132,00

Order your FREE sample NOW!

13 mm syringe filters for UHPLC sample prep, Pall Life Sciences



Optimised performance:

Acrodisc® 0,2 µm syringe filters prevent plugging of UHPLC columns and extend column life. The membranes are well suited for UHPLC applications to ensure limited extractables and also reduce binding of API. Available in a variety of polymers to provide chemical compatibility with all solutions.

Minimal UV absorption:

Nylon, GHP, PTFE and PVDF membranes are HPLC certified to be low in UV absorbing extractables for less interference.

15% OFF

Low hold-up:

13 mm minispice outlet for lower hold-up volume and easy filtration into autosampler vials without airlock.



ø (mm)	Filtration area (cm ²)	Qty/Pk	Cat. No.	Price, €	Promo price, €
0,2 µm Acrodisc® syringe filters with GHP membrane					
13	1	100	514-4121P	208,00	176,80
		1000	516-6916P	1.490,00	1.266,50
0,2 µm Acrodisc® syringe filters with PTFE membrane					
13	1	100	514-4032P	208,00	176,80
		1000	514-4009P	208,00	176,80
13	1	100	516-7671P	1.490,00	1.266,50
		1000	516-7704P	1.460,00	1.241,00

For technical assistance please email: LabCustomerSupport@pall.com

Instrument Select™ kits, Chromacol

20% OFF



Instrument Select™ is a range of vials, caps and seals packed in chromatographically clean cases and selected specifically to match the needs of particular instruments.

- 2 ml vials
- Supplied in packs of 100

For gas chromatography

Top	Seal	For	Cat. No.	Price, €	Promo price, €
Crimp	Blue silicone/red PTFE	CTC/Leap	548-1287P	51,60	41,28
	Type 7 rubber/PTFE	Agilent	548-1297P	25,00	20,00
	Type 6 soft rubber/PTFE	Perkin Elmer AutoSystem	548-1301P	26,80	21,44
	Soft blue silicone/PTFE	Shimadzu	548-1311P	45,50	36,40
Screw	Blue silicone/red PTFE	Thermo Scientific	548-1329P	51,60	41,28
	White silicone/red PTFE	Varian	548-1333P	33,40	26,72

For liquid chromatography

Top	Seal	For	Cat. No.	Price, €	Promo price, €
Crimp	Blue silicone/red PTFE	CTC/Leap	548-1288P	51,60	41,28
	Pre-cut blue silicone/PTFE	VWR-Hitachi/LaChrom	548-1299P	71,30	57,04
	Type 7 rubber/PTFE	Agilent	548-1298P	24,50	19,60
		Spark	548-1313P	24,50	19,60
Screw	Pre-cut white silicone/red PTFE	Thermo Scientific	548-1330P	40,90	32,72
		Perkin Elmer	548-1302P	49,60	39,68
	Soft blue silicone/PTFE seal fitted to a wider screw cap	Shimadzu	548-1312P	32,20	25,76
	White silicone/red PTFE	Varian	548-1334P	39,10	31,28
	Waters Alliance	548-1335P	39,10	31,28	

SPE - providing rapid, cost saving and targeted solutions now!

Thermo
SCIENTIFIC

HyperSep SPE products have been developed to meet the requirements of today's sample preparation challenges in areas such as pharmaceuticals, biochemicals, the environment or food and beverage. This comprehensive range of SPE products gives rapid, effective and economical sample preparation.

20% OFF

HyperSep Retain PE, AX, CX

- Exceptional and consistent recoveries for drug and metabolite, environmental and peptide analysis
- Unique binding characteristic provide extended and balanced retention capabilities
- Provides higher and reproducible recovery levels
- pH stable 0 - 14



Retain PEP SPE cartridges

Bed weight (mg)	Column vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
30	1	100	549-0628P	180,00	144,00
10	1	100	549-0666P	111,01	88,81
60	3	50	549-0630P	127,00	101,60
200	3	50	549-0631P	202,00	161,60
500	3	50	549-0632P	364,00	291,20
100	3	50	549-0664P	133,00	106,40
500	6	30	549-0633P	252,00	201,60
100	6	30	549-0634P	127,00	101,60
60	6	30	549-0635P	103,00	82,40
150	6	30	549-0636P	133,00	106,40
200	6	30	549-0637P	142,00	113,60
1000	6	30	549-0665P	270,86	216,69
1000	25	20	549-0639P	303,00	242,40
2000	25	20	549-0638P	480,00	384,00

HyperSep-96 Retain PEP SPE plates

Bed weight individual wells (mg)	Vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
5	1	1	549-0672P	293,00	234,40
10	1	1	549-0673P	298,00	238,40
30	1	1	549-0674P	303,00	242,40
60	1	1	549-0675P	313,00	250,40

Retain CX SPE cartridges

Bed weight (mg)	Column vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
30	1	100	549-0640P	180,00	144,00
30	3	50	549-0641P	107,00	85,60
60	3	50	549-0642P	127,00	101,60
200	3	50	549-0643P	202,00	161,60
500	3	50	549-0644P	364,00	291,20
500	6	30	549-0645P	252,00	201,60
100	6	30	549-0646P	127,00	101,60
60	6	30	549-0647P	103,00	82,40
150	6	30	549-0648P	133,00	106,40
2000	25	20	549-0649P	480,00	384,00
200	6	30	549-0650P	142,00	113,60
1000	25	20	549-0651P	303,00	242,40

HyperSep-96 Retain CX SPE plates

Bed weight individual wells (mg)	Vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
5	1	1	549-0676P	293,00	234,40
10	1	1	549-0677P	298,00	238,40
30	1	1	549-0678P	303,00	242,40
60	1	1	549-0679P	313,00	250,40

Retain AX SPE cartridges

Bed weight (mg)	Column vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
30	1	100	549-0652P	180,00	144,00
30	3	50	549-0653P	107,00	85,60
60	3	50	549-0654P	127,00	101,60
200	3	50	549-0655P	202,00	161,60
500	3	50	549-0656P	364,00	291,20
500	6	30	549-0657P	252,00	201,60
100	6	30	549-0658P	127,00	101,60
60	6	30	549-0659P	103,00	82,40
150	6	30	549-0660P	133,00	106,40
200	6	30	549-0661P	142,00	113,60
2000	25	20	549-0662P	480,00	384,00
1000	25	20	549-0663P	303,00	242,40
500	15	20	549-0667P	186,00	148,80

HyperSep-96 Retain AX SPE plates

Bed weight individual wells (mg)	Vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
5	1	1	549-0680P	293,00	234,40
10	1	1	549-0681P	298,00	238,40
30	1	1	549-0682P	303,00	242,40
60	1	1	549-0683P	313,00	250,40

HyperSep C18

- Retentive for most non polar compounds
- Highly retentive solutions for non polar to moderately polar compounds

HyperSep-96 C18 SPE plates

Bed weight individual wells (mg)	Vol. (ml)	Pk	Cat. No.	Price, €	Promo price, €
10	1	1	549-0668P	269,00	215,20
25	1	1	549-0669P	281,00	224,80
50	1	1	549-0670P	285,00	228,00
100	1	1	549-0671P	292,00	233,60



Order from the Customer Service Centre or your VWR Primary Distributor:

These offers cannot be used in conjunction with any other pricing agreements from VWR International. Prices exclude VAT.

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