



CHROMATOGRAPHY **VIALS AND CAPS**



MACHEREY-NAGEL



- Vials and inserts
- Closures and septa
- Accessories

N8

N9

Vials and caps for GC / HPLC

Screw neck vials N8

Small opening, pack of 100



VV0025 / VV0072

1.5 mL

VV0018 / VV2128

1.5 mL
label + scale

Ready assembled screw closures N8

8-425 thread, pack of 100



VC0257

Red Rubber / FEP
colourless

VC0065

Silicone white /
PTFE red

VC0259

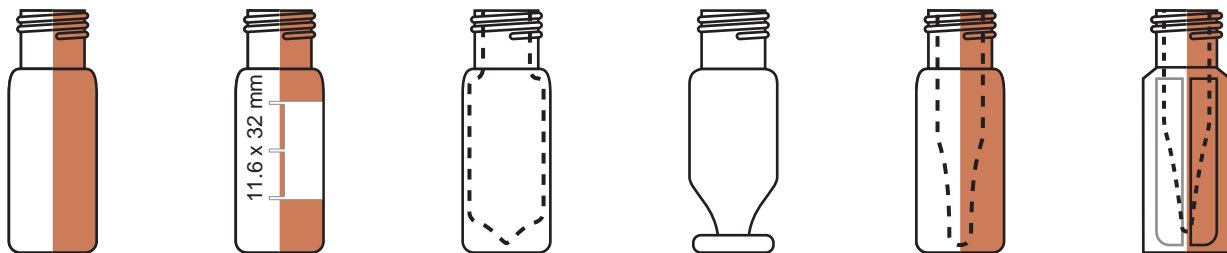
Silicone white /
PTFE blue, slit

VC0258

PTFE red / Silicone
white / PTFE red

Screw neck vials N9

Wide opening, pack of 100



Polypropylene / Glass

VV0027 / VV0074

1.5 mL

VV0712 / VV0028

1.5 mL
label + scale

VV0045

1.1 mL
15 µL funnel in solid
glass bottom

VV0048

1.1 mL
conical with a round
pedestal glass plate

VV0046 / VV0047

0.2 mL
with integrated
0.2 mL insert

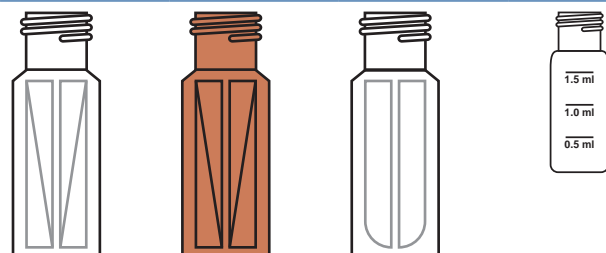
VV0073 / VV0049

0.2 mL
PP vial with integrated
0.2 mL glass insert

* upon request also with a silanized insert

Plastic screw neck vials N9

Polypropylene, pack of 100



VV0039

0.3 mL

with
inner cone

VV0075

0.3 mL

with
inner cone

VV0076

0.7 mL

with round
bottom insert

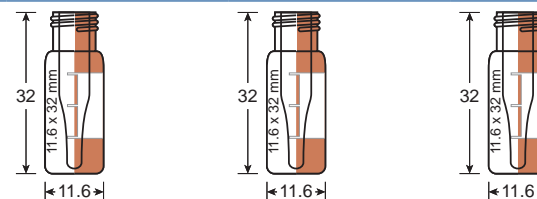
VV0077

1.5 mL

with scale

Pre-assembled vial-insert combinations

pack of 100



VV0078

0.2 mL

VV0027 pre-assembled
with VV0055

VV0079

0.2 mL

VV0012 pre-assembled
with VV0055

VV0082

0.2 mL

VV0028 pre-assembled
with VV0055

We stock syringe filters in Millex, MSI, Filbio, MN, Gelman, Sartorius, Whatman, Advantec and Pall brands all in 4mm, 13mm, 25mm, 30mm and 33mm diameters. 0.8µm, 0.22 µm, 1.2 µm, 0.45 µm and other micron sizes also available with G/F Prefilters if required. Sterile syringe filters also available upon request.

Ready assembled screw closures N9

N 9 PP screw cap, color as indicated, center hole or closed top, pack of 100

PTFE virginal, white		VC0260	VC0261	-	-	-	VC0262	
Red Rubber / FEP colourless		VC0263	VC0213	VC0264	VC0265	VC0266	VC0267	VC0013
Silicone white / PTFE red		VC0268	VC0505	VC0269	VC0270	VC0058	VC0224	VC0501
Silicone white / PTFE blue, slit		VC0271	VC0225	VC0272	VC0273	VC0274	VC0275	-
PTFE red / Silicone white / PTFE red		VC0276	VC0277	VC0278	VC0279	VC0280	VC0281	-
Bonded closures (inseparable septa), pack of 100							Magnetic screw cap	
VC0214	VC0507	VC0283					VC0282	
Red Rubber / TEF colourless	Silicone beige / PTFE white	Silicone beige / PTFE white, slit					Silicone white / PTFE red	

Crimp neck vials N11

Wide opening, pack of 100

VV1310 / VV0083	VV0034 / VV0035	VV0084	VV0085	VV0086 / VV0087	VV0088 / VV0089
1.5 mL	1.5 mL	1.1 mL	1.1 mL	1.1 mL	0.2 mL
	label + scale	15 µL funnel in solid glass bottom	conical	conical with a round pedestal glass plate	with integrated 0.2 mL insert

Inserts for vials N9 and N11 (for vials with wide opening)

Pack of 100

VV0055 / VV0090 silanised	VV0057	VV0050 / VV0094 silanised	VV0059
0.2 mL	0.25 mL	0.1 mL	0.3 mL
conical, 15 mm tip	conical, 12 mm tip	with plastic spring	flat bottom

Need 47mm Mobile Phase filter membranes? Check our Rowe Scientific website for 0.45µ and 0.22µ in PTFE, Cellulose, PVDF, Nylon, PES and more.

N11 Vials and caps for GC / HPLC

Crimp neck / snap ring vials N11

Polypropylene / Glass, pack of 100



VV0095

0.2 mL

PP vial with integrated 0.2 mL glass insert

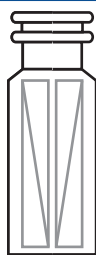
VV0096

0.2 mL

PP vial with integrated 0.2 mL glass insert

Plastic crimp neck / snap ring vials N11

Polypropylene, pack of 100



VV0097

0.3 mL

with inner cone

VV0098

0.3 mL

with inner cone

VV0099

0.7 mL

with round bottom insert

* upon request also with a silanized insert

Ready assembled crimp closures N11

N 11 aluminium crimp cap, color as indicated, center hole, pack of 100



VC0059

PTFE virginal, white

VC0284

Natural rubber / Butyl red-orange / TEF colourless; 1.3 mm

VC0060

Natural rubber / red-orange / TEF colourless

VV1315

Natural rubber / Butyl red-orange / TEF colourless; 1.0 mm

VC0062

Natural rubber / Butyl red-orange / TEF colourless; 1.0 mm

VC0063

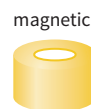
Natural rubber / Butyl red-orange / TEF colourless; 1.0 mm

VC0064

Natural rubber / Butyl red-orange / TEF colourless; 1.0 mm

VC0285

Natural rubber / Butyl red-orange / TEF colourless; 1.0 mm



VC0061*

Red Rubber / FEP colourless

VC1990*

Silicone white / PTFE red

VC0215*

Silicone white / PTFE blue, cross-slit

VC0286*

PTFE red / Silicone white / PTFE red

VC0287

O-ring / Aluminium septa, phthalate-free

VC0288

Silicone white / PTFE red

VC0289

transparent, closed top, thin piercing area

* also available with green, red or blue cap

HPLC columns. Nucleosil, Nucleoshell, NucleoDEX, NucleoGEL, Lichrospher and Nucleodur for LCMS. Available in a variety of phases and column formats.

Crimping tools

VC3000	Manual crimper (Standard), height adjustable, for 11 mm aluminium crimp caps	1 pc.	
735911	Manual decapper (Standard) for 11 mm aluminium crimp caps	1 pc.	
VD1010	Manual decapper (Plier Style) for 11 mm and 20 mm aluminium crimp caps	1 pc.	
VC3010	Ergonomic crimper for 11 mm aluminium crimp caps	1 pc.	
VD1020	Ergonomic decapper for 11 mm aluminium crimp caps	1 pc.	
VC0290	Electronic crimper for 11 mm aluminium crimp caps (battery-powered)	1 pc.	
VD0004	Electronic decapper for 11 mm aluminium crimp caps (battery-powered)	1 pc.	

Containers for vials 11.6 x 32 mm

VC0291	81 position container blue for all vials 11.6 x 32 mm with flat bottom, 130 x 130 x 45 mm, coded, with transparent lid (suitable for freezers)	1 pc.
VR0002	50 position vial rack blue for all vials 11.6 x 32 mm with flat bottom, 190 x 100 x 22 mm, stackable	1 pc.



Optimal crimping

For an optimal crimp result the crimping tool needs to be adjusted to:

- type and height of the vial's neck
- thickness and hardness of the septa
- properties of the cap (type, material)

For doing so, please refer to the instruction manual of the individual tool

Permanent control of the crimp result and thus of the crimping tool settings is necessary.

Incorrect crimping can be recognised by the following features:



Cap deformation

Pulled up edge of the center hole

Strong formation of wrinkles

Convex looking liner

Cap can be turned with only low expenditure of power

Micro syringes for GC and HPLC ! - we supply Hamilton and SGE, individually or in 6-packs.

N 11 Vials and caps for GC / HPLC

Snap ring vials N11

Wide opening, pack of 100



VV0302

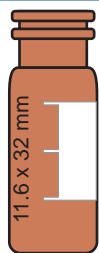
1.5 mL



VV0304

1.5 mL

label + scale



VV0101

1.5 mL

label + scale



VV0102

0.2 mL

with integrated 0.2 mL insert

Crimp neck / snap ring vials N11

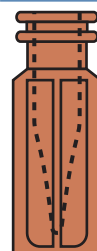
Polypropylene / Glass, pack of 100



VV0095*

0.2 mL

PP vial with integrated
0.2 mL glass insert



VV0096*

0.2 mL

PP vial with integrated
0.2 mL glass insert



VV0097

0.3 mL

with inner cone



VV0098

0.3 mL

with inner cone



VV0099

0.7 mL

with round bottom insert

* upon request also with a silanised insert

Plastic crimp neck / snap ring vials N11

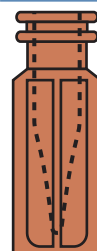
Polypropylene, pack of 100



VV0095*

0.2 mL

PP vial with integrated
0.2 mL glass insert



VV0096*

0.2 mL

PP vial with integrated
0.2 mL glass insert



VV0097

0.3 mL

with inner cone



VV0098

0.3 mL

with inner cone



VV0099

0.7 mL

with round bottom insert

Ready assembled snap ring caps N11

N 11 PE snap ring cap, hard, color as indicated, center hole, pack of 100



VC0390

Red Rubber / FEP colourless



VC0391

Silicone white / PTFE red



VC0292

Silicone white / PTFE blue,
cross-slit



VC0293

PTFE red / Silicone white /
PTFE red



VC0289

transparent, closed top, thin
piercing area



VC0294



VC0296



VC0298



VC0300

N 11 PE snap ring cap, soft, light blue, center hole, pack of 100



VC0295



VC0297



VC0298

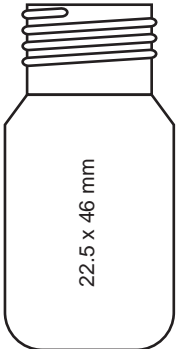




VC0301

Solid Phase Extraction. SPE's are available in cartridge and column formats in almost any phase you can think of!

Headspace screw neck vials N18

Pack of 100

		
VV2113	VV2210	VV0064
10 mL	20 mL	20 mL



Container for vials N18 and N20

VR0003	25 position container blue for all vials with a diameter up to 23.5 mm max., 130 x 130 x 80 mm, with transparent lid (suitable for freezers)	1 pc.
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Ready assembled magnetic screw closures N18

N 18 magnetic screw cap, silver, center hole, pack of 100

			
VC0066	VC1921	VC0302	VC1923
Silicone blue transparent / PTFE white	Silicone white / PTFE blue	Silicone white / PTFE blue, slit	Red Rubber / TEF colourless

GC capillary columns. The OPTIMA range from MN including LIPODEX and HYDRODEX for ENANTIOMER separations.

N 20 Vials and caps for Headspace

Crimp neck vials N20, 5–10 mL

5–10 mL, pack of 100

VV0063 / VV0037	VV2114	VV0051	VV0060 / VV0061	VV0062	VV0103
5 mL	6 mL	5 mL	10 mL	10 mL	10 mL
flat bottom	rounded bottom	flat bottom	flat bottom	flat bottom	rounded bottom
flat DIN crimp neck	beveled HS crimp neck	beveled HS crimp neck	flat DIN crimp neck	flat DIN crimp neck	flat DIN crimp neck

Crimp neck vials N20, 20 and 50 mL

20 and 50 mL, pack of 100

VV0104 / VV0105	VV0058 / VV0106	VV0107	VV2220	VV0029 / VV0030	VV2450 / VV0108
20 mL	20 mL	20 mL	20 mL	20 mL	50 mL
flat bottom	rounded bottom	rounded bottom	flat bottom	rounded bottom	flat bottom
flat DIN crimp neck	beveled HS crimp neck	beveled HS crimp neck	flat DIN crimp neck	flat DIN crimp neck	flat DIN crimp neck

GC capillary columns. The OPTIMA range from MN including LIPODEX and HYDRODEX for ENANTIOMER separations.

Crimping tools

VC3007	Manual crimper (Standard), height adjustable, for 20 mm aluminium crimp caps	1 pc.	
VC0303	Manual crimper (Standard), height adjustable, for 20 mm Flip Top / Flip Off caps	1 pc.	
VD0002	Manual decapper (Standard) for 20 mm aluminium crimp caps	1 pc.	
VD0003	Manual decapper (Plier Style) for 11 mm and 20 mm aluminium crimp caps	1 pc.	
VC3050	Ergonomic crimper for 20 mm aluminium crimp caps	1 pc.	
VD1060	Ergonomic decapper for 20 mm aluminium crimp caps	1 pc.	
VC0304	Electronic crimper for 20 mm aluminium crimp caps (battery-powered)	1 pc.	
VD0005	Electronic decapper for 20 mm aluminium crimp caps (battery-powered)	1 pc.	

Ready assembled crimp closures, plain crimp caps and single septa N20

Single Septa N20, pack of 100

Butyl red / PTFE gray	Butyl light gray / PTFE dark gray	Molded septa Butyl / PTFE gray	Butyl dark gray / PTFE gray (only centrally laminated)	Silicone blue transparent / PTFE colourless	Silicone white / PTFE beige
VS0081	VS0082	VS0083	VS0084	VS00850	VS0085

	Assembled in N20 aluminium crimp caps, center hole, pack of 100				
VC0305	VC0246	VC0306	VC1937	VC0230	VC1932

	Assembled in N20 aluminium pressure release caps, center hole, pack of 100				
VC0307	VC0309	VC0308	VC0310	VC0311	VC0312

	Assembled in N20 bi-metal crimp caps, center hole, pack of 100				
VC0313	VC0245	VC0314			

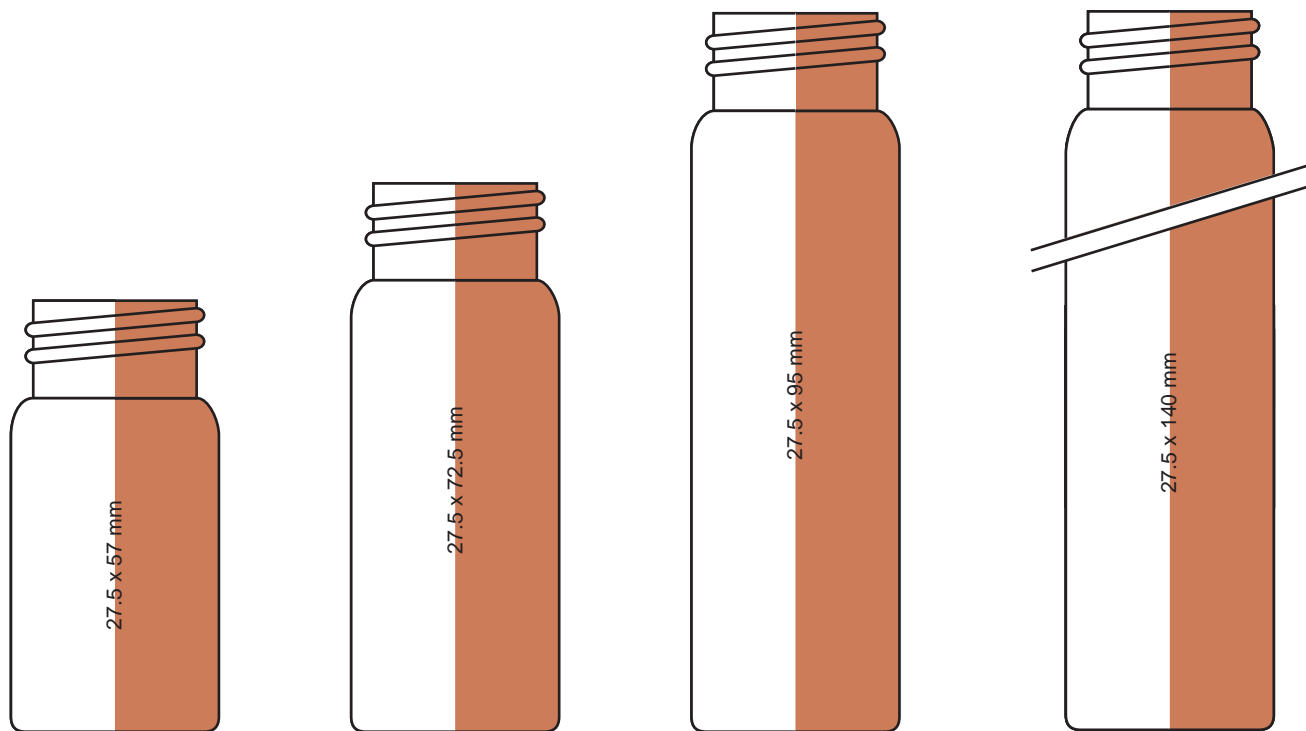
	Assembled in N20 magnetic crimp caps, center hole, pack of 100				
VC0315	VC0316	VC0317	VC0244		

Your special price on our web store, online and 24 /7.

N24 Screw neck vials and caps N24

Screw neck vials N24

For TOC / VOC Analysis as well as for sample storage, pack of 100



VV0930 / VV0020

20 mL

VV0109 / VV0111

30 mL

VV0940 / VV0001

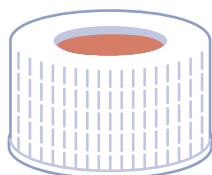
40 mL

VV0112 / VV0113

60 mL

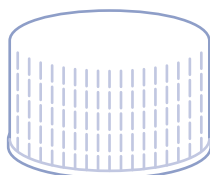
Ready assembled screw closures N24

N 24 PP screw cap, white, center hole or closed top, pack of 100



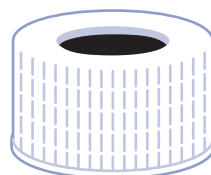
VC0318

Butyl red / PTFE gray



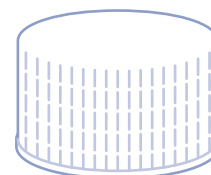
VC0319

Butyl red / PTFE gray



VC0232

no liner



VC0530

no liner

Bonded closures (inseparable septa), pack of 100



VC0943

Center hole cap
Silicone white / PTFE beige



VC1945

Closed top cap
Silicone white / PTFE beige



VC0320

Closed top cap
Red Rubber / TEF colourless

Removable protection lid



VC0321

Silicone natural /
PTFE colourless

Single septa, pack of 100



VS0086

Butyl red /
PTFE gray

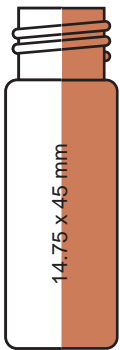
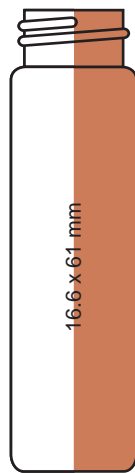
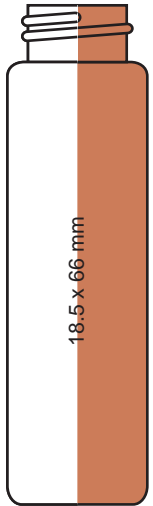
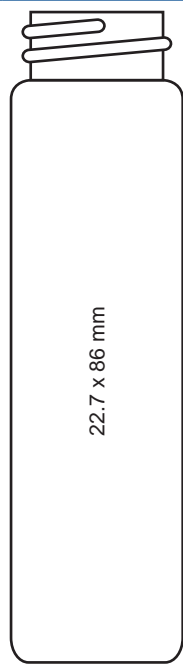


VS0048

Silicone natural /
PTFE colourless

We are happy to stock to meet your forecast.

Screw neck vials

N 13 (13-425 thread)	N 15 (15-425 thread)	N 18 (18-400 thread)	N 20 (20-400 thread)
			
VV0252 / VV0031	VV0508 / VV0509	VV0512 / VV0513	VV0516
4 mL	8 mL	12 mL	16 mL
			24 mL

Screw closures

N 13 (13-425 thread)	N 15 (15-425 thread)	N 18 (18-400 thread)	N 20 (20-400 thread)
			
VS0023	VC0515	VC0322	VC0520
closed top cap, septum F217 white / PTFE beige, firmly fixed	closed top cap, septum F217 white / PTFE beige, firmly fixed	center hole cap, Silicone white / PTFE beige (bonded)	closed top cap, septum F217 white / PTFE beige, firmly fixed
			
			VC0323
			closed top cap, septum F217 white / PTFE beige, firmly fixed
			center hole cap, Silicone white / PTFE beige (bonded)

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