



# CHROMATOGRAPHY **VIALS AND CAPS**



**MACHEREY-NAGEL**



- Vials and inserts
- Closures and septa
- Accessories

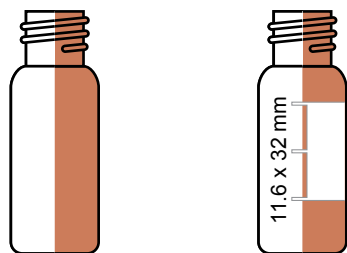
N8

N9

## Vials and caps for GC / HPLC

## Screw neck vials N8

Small opening, pack of 100

**70213 / 70213.2**

1.5 mL

**VV0025 / VV0072****702004 / 702893**1.5 mL  
label + scale**VV0018 / VV2128**

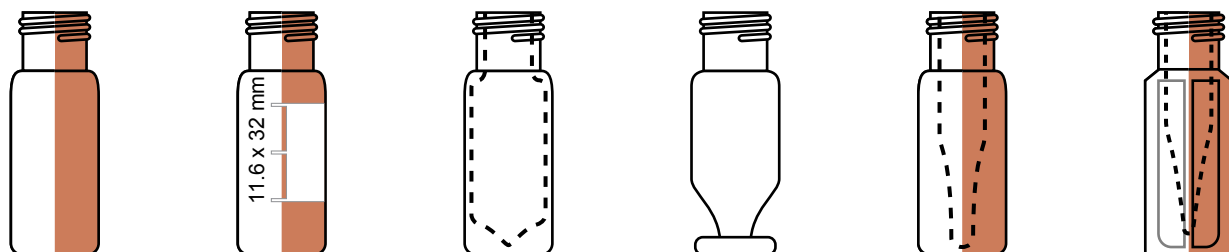
## Ready assembled screw closures N8

8-425 thread, pack of 100

**702067**Red Rubber / FEP  
colourless**VC0257****70245**Silicone white /  
PTFE red**VC0065****702437**Silicone white /  
PTFE blue, slit**VC0259****702069**PTFE red / Silicone  
white / PTFE red**VC0258**

## Screw neck vials N9

Wide opening, pack of 100



Polypropylene / Glass

**702282 / 702293**

1.5 mL

**VV0027 / VV0074****702283 / 702284**

1.5 mL

label + scale

**VV0712 / VV0028****702006**

1.1 mL

15 µL funnel in solid  
glass bottom**VV0045****702088**

1.1 mL

conical with a round  
pedestal glass plate**VV0048****702007 / 702008**

0.2 mL

with integrated  
0.2 mL insert**VV0046 / VV0047****702135\* / 702335\***

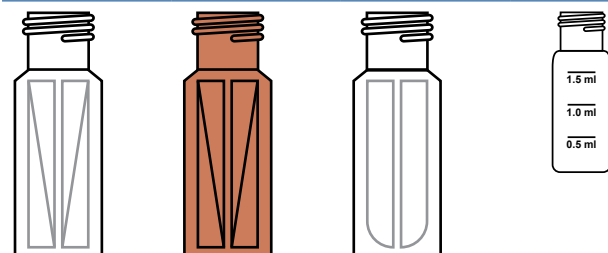
0.2 mL

PP vial with integrated  
0.2 mL glass insert**VV0073 / VV0049**

\* upon request also with a silanized insert

## Plastic screw neck vials N9

Polypropylene, pack of 100

**702009**

0.3 mL

with  
inner cone**VV0039****702172**

0.3 mL

with  
inner cone**VV0075****702010**

0.7 mL

with round  
bottom insert**VV0076****702500**

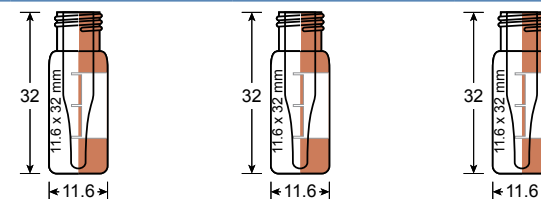
1.5 mL

with scale

**VV0077**

## Pre-assembled vial-insert combinations

pack of 100

**702177**

0.2 mL

VV0027 pre-assembled  
with VV0055**VV0078****702178**

0.2 mL

VV0712 pre-assembled  
with VV0055**VV0079****702179**

0.2 mL

VV0028 pre-assembled  
with VV0055**VV0082**

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.

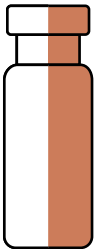
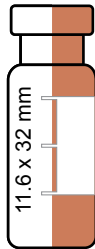


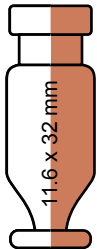

## Ready assembled screw closures N9

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

								
PTFE virginal, white	 702029 VC0260	702031 VC0261	-	-	-	-	702032 VC0262	
Red Rubber / FEP colourless	 702030 VC0263	702732 VC0213	702080 VC0264	702081 VC0265	702082 VC0266	702147 VC0267	702033 VC0013	
Silicone white / PTFE red	 702287 VC0268	702287.1 VC0505	702036 VC0269	702037 VC0270	702038 VC0058	702107 VC0224	702034 VC0501	
Silicone white / PTFE blue, slit	 702288 VC0271	702288.1 VC0225	702039 VC0272	702040 VC0273	702083 VC0274	702109 VC0275	-	
PTFE red / Silicone white / PTFE red	 702286 VC0276	702035 VC0277	702158 VC0278	702084 VC0279	702085 VC0280	702159 VC0281	-	
Bonded closures (inseparable septa), pack of 100							Magnetic screw cap	
 702028 VC0214	 702026 VC0507	 702027 VC0283		 702155 VC0282				
Red Rubber / TEF colourless	Silicone beige / PTFE white	Silicone beige / PTFE white, slit		Silicone white / PTFE red				


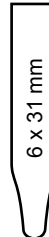
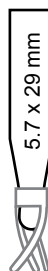
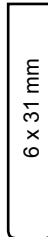
## Crimp neck vials N11

Wide opening, pack of 100

					
70201HP / 70201HP.2 1.5 mL VV1310 / VV0083	702885 / 702892 1.5 mL label + scale VV0034 / VV0035	702888 1.1 mL 15 µL funnel in solid glass bottom VV0084	702141 1.1 mL conical VV0085	702015 / 702016 1.1 mL conical with a round pedestal glass plate VV0086 / VV0087	702891 / 702014 0.2 mL with integrated 0.2 mL insert VV0088 / VV0089

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

Pack of 100

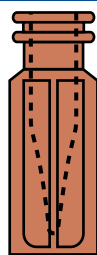
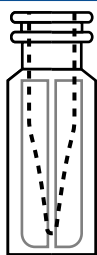
			
702813 / 702077 silanised 0.2 mL conical, 15 mm tip VV0055 / VV0090	702716 0.25 mL conical, 12 mm tip VV0057	702818 / 702818.1 silanised 0.1 mL with plastic spring VV0050 / VV0094	702825 0.3 mL flat bottom VV0059

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



**702134\***

**702334**

0.2 mL

0.2 mL

PP vial with integrated 0.2 mL glass insert

PP vial with integrated 0.2 mL glass insert

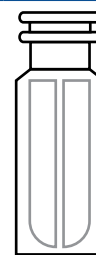
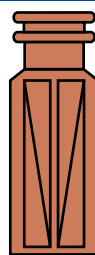
**VV0095**

**VV0096**

\* upon request also with a silanized insert

## Plastic crimp neck / snap ring vials N11

Polypropylene, pack of 100



**702809**

**702173**

**702174**

0.3 mL

0.3 mL

0.7 mL

with inner cone

with inner cone

with round bottom insert

**VV0097**

**VV0098**

**VV0099**

## Ready assembled crimp closures N11

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



**70284**

**70284**

**702001**

**70256**

**70231.1**

**70231.2**

**70231.3**

**70231.4**

PTFE virginal, white

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

Natural rubber / red-orange / TEF colourless

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

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

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

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

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

**VC0059**

**VC0284**

**VC0060**

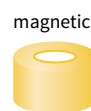
**VV1315**

**VC0062**

**VC0063**

**VC0064**

**VC0285**



**702730\***

**70288\***

**702823\***

**702995\***

**702175**

**702879**

**702401**

Red Rubber / FEP colourless

Silicone white / PTFE red

Silicone white / PTFE blue, cross-slit

PTFE red / Silicone white / PTFE red

O-ring / Aluminium septa, phthalate-free

Silicone white / PTFE red

transparent, closed top, thin piercing area

**VC0061**

**VC1990**

**VC0215**

**VC0286**

**VC0287**

**VC0288**

**VC0289**

\* 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

<b>735111</b>	Manual crimper (Standard), height adjustable, for 11 mm aluminium crimp caps	1 pc.	<b>VC3000</b>	
<b>735911</b>	Manual decapper (Standard) for 11 mm aluminium crimp caps	1 pc.	<b>VD1010</b>	
<b>735911.20</b>	Manual decapper (Plier Style) for 11 mm and 20 mm aluminium crimp caps	1 pc.	<b>VD0003</b>	
<b>735211</b>	Ergonomic crimper for 11 mm aluminium crimp caps	1 pc.	<b>VC3010</b>	
<b>735311</b>	Ergonomic decapper for 11 mm aluminium crimp caps	1 pc.	<b>VD1020</b>	
<b>735511</b>	Electronic crimper for 11 mm aluminium crimp caps (battery-powered)	1 pc.	<b>VC0290</b>	
<b>735611</b>	Electronic decapper for 11 mm aluminium crimp caps (battery-powered)	1 pc.	<b>VD0004</b>	

## Containers for vials 11.6 x 32 mm

<b>702514</b>	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.	<b>VC0291</b>	
<b>702502</b>	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.	<b>VR0002</b>	

## 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:

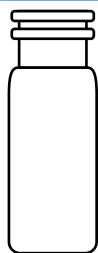


Micro syringes for GC and HPLC ! - we supply Hamilton and SGE, individually or in 6-packs.

# N 11 Vials and caps for GC / HPLC

## Snap ring vials N11

Wide opening, pack of 100



**702714**

1.5 mL

**VV0302**

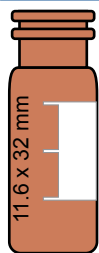


**702713**

1.5 mL

label + scale

**VV0304**

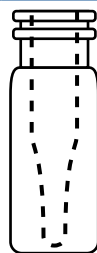


**702712**

1.5 mL

label + scale

**VV0101**



**702709**

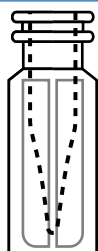
0.2 mL

with integrated 0.2 mL insert

**VV0102**

## Crimp neck / snap ring vials N11

Polypropylene / Glass, pack of 100

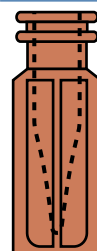


**702134\***

0.2 mL

PP vial with integrated  
0.2 mL glass insert

**VV0095**



**702334\***

0.2 mL

PP vial with integrated  
0.2 mL glass insert

**VV0096**

\* upon request also with a silanised insert

## Plastic crimp neck / snap ring vials N11

Polypropylene, pack of 100



**702809**

0.3 mL

with inner cone

**VV0097**

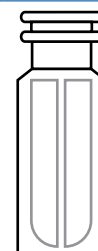


**702173**

0.3 mL

with inner cone

**VV0098**



**702174**

0.7 mL

with round bottom insert

**VV0099**

## Ready assembled snap ring caps N11

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



**702731**

Red Rubber / FEP colourless

**VC0390**



**702710**

Silicone white / PTFE red

**VC0391**



**702064**

Silicone white / PTFE blue,  
cross-slit

**VC0292**



**702718**

PTFE red / Silicone white /  
PTFE red

**VC0293**



**702401**

transparent, closed top, thin  
piercing area

**VC0289**



**702063**

**VC0294**



**702710.1**

**VC0296**



**702717.2**

**VC0298**



**702718.1**

**VC0300**

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



**702063.2080**

**VC0295**



**702710.2080**

**VC0297**



**702717.2080**

**VC0298**



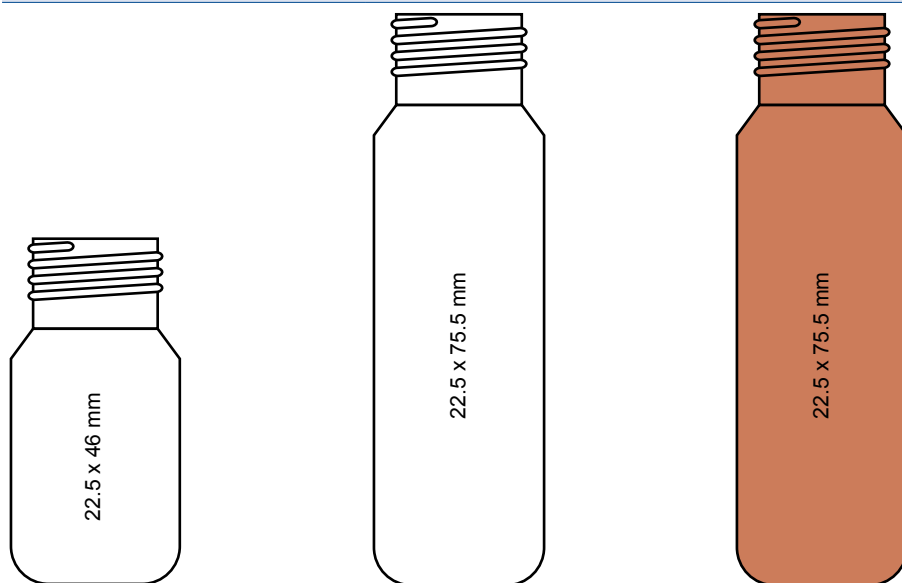
**702718.2080**

**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



**702866**

10 mL

**VV2113**

**702826**

20 mL

**VV2210**

**702826.2**

20 mL

**VV0064**

## 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.

**702516**



## Ready assembled magnetic screw closures N18

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



**702827**

Silicone blue transparent / PTFE white

**VC0066**



**702055**

Silicone white / PTFE blue

**VC1921**



**702136**

Silicone white / PTFE blue, slit

**VC0302**



**702072**

Red Rubber / TEF colourless

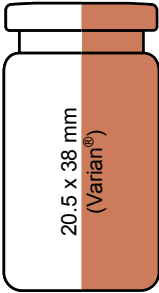


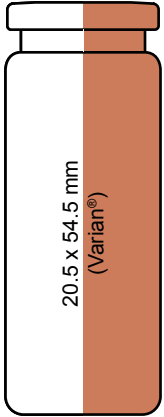


**VC1923**

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

## N 20 Vials and caps for Headspace

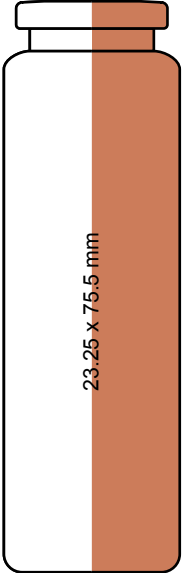




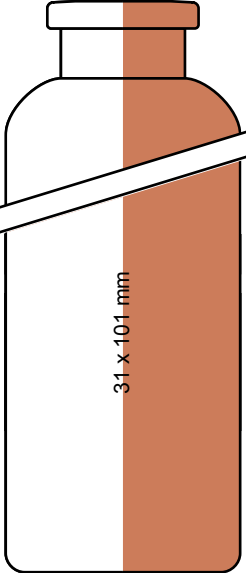
### Crimp neck vials N20, 5–10 mL

5–10 mL, pack of 100

					
<b>70204.36 / 70215.36</b>	<b>702917</b>	<b>702020</b>	<b>70205.36 / 70216.36</b>	<b>702918</b>	<b>702924</b>
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
<b>VV0063 / VV0037</b>	<b>VV2114</b>	<b>VV0051</b>	<b>VV0060 / VV0061</b>	<b>VV0062</b>	<b>VV0103</b>

### Crimp neck vials N20, 20 and 50 mL





20 and 50 mL, pack of 100

					
<b>70206.36 / 70217.36</b>	<b>70254 / 702541</b>	<b>702540</b>	<b>702261</b>	<b>702263 / 702263.2</b>	<b>70208.36 / 702100</b>
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
<b>VV0104 / VV0105</b>	<b>VV0058 / VV0106</b>	<b>VV0107</b>	<b>VV2220</b>	<b>VV0029 / VV0030</b>	<b>VV2450 / VV0108</b>

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









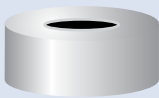
## Crimping tools

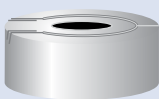
<b>735120</b>	Manual crimper (Standard), height adjustable, for 20 mm aluminium crimp caps	1 pc.	<b>VC3007</b>	
<b>735132</b>	Manual crimper (Standard), height adjustable, for 20 mm Flip Top / Flip Off caps	1 pc.	<b>VC0303</b>	
<b>735920</b>	Manual decapper (Standard) for 20 mm aluminium crimp caps	1 pc.	<b>VD0002</b>	
<b>735911.20</b>	Manual decapper (Plier Style) for 11 mm and 20 mm aluminium crimp caps	1 pc.	<b>VD0003</b>	
<b>735220</b>	Ergonomic crimper for 20 mm aluminium crimp caps	1 pc.	<b>VC3050</b>	
<b>735320</b>	Ergonomic decapper for 20 mm aluminium crimp caps	1 pc.	<b>VD1060</b>	
<b>735520</b>	Electronic crimper for 20 mm aluminium crimp caps (battery-powered)	1 pc.	<b>VC0304</b>	
<b>735620</b>	Electronic decapper for 20 mm aluminium crimp caps (battery-powered)	1 pc.	<b>VD0005</b>	


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

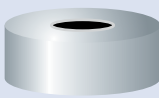
### Single Septa N20, pack of 100

					
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
<b>70277</b>	<b>702057</b>	<b>702101</b>	<b>702D20TB</b>	<b>VS00850</b>	<b>70278</b>
<b>VS0081</b>	<b>VS0082</b>	<b>VS0083</b>	<b>VS0084</b>	<b>VS00850</b>	<b>VS0085</b>

	Assembled in N20 aluminium crimp caps, center hole, pack of 100				
<b>702773</b>	<b>702775</b>	<b>70234.9</b>	<b>70234</b>	<b>702093</b>	<b>702094</b>
<b>VC0305</b>	<b>VC0246</b>	<b>VC0306</b>	<b>VC1937</b>	<b>VC0230</b>	<b>VC1932</b>

	Assembled in N20 aluminium pressure release caps, center hole, pack of 100				
<b>702836</b>	<b>702829</b>	<b>70234.8</b>	<b>702071</b>	<b>702927</b>	<b>702835</b>
<b>VC0307</b>	<b>VC0309</b>	<b>VC0308</b>	<b>VC0310</b>	<b>VC0311</b>	<b>VC0312</b>

	Assembled in N20 bi-metal crimp caps, center hole, pack of 100				
<b>702838</b>				<b>702834</b>	<b>702837</b>
<b>VC0313</b>				<b>VC0245</b>	<b>VC0314</b>

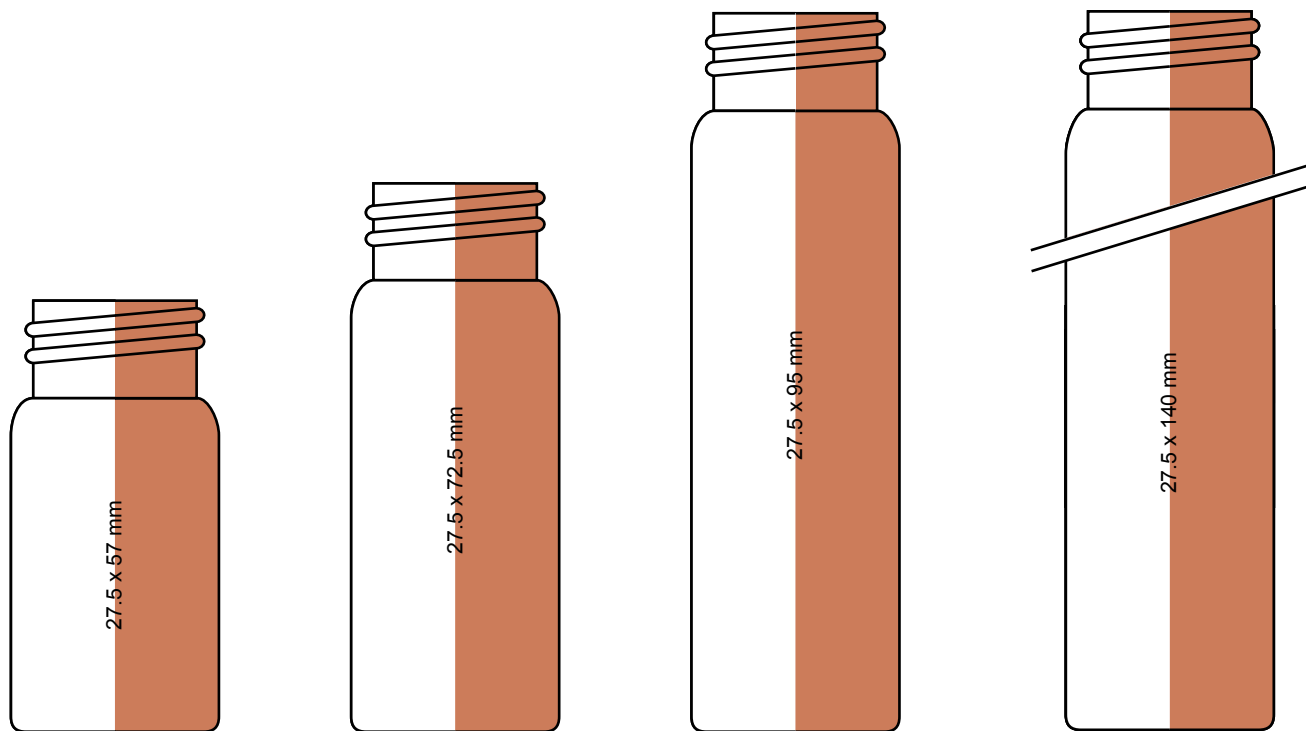
	Assembled in N20 magnetic crimp caps, center hole, pack of 100				
<b>702774</b>	<b>702928</b>		<b>702928.9</b>	<b>702929</b>	
<b>VC0315</b>	<b>VC0316</b>		<b>VC0317</b>	<b>VC0244</b>	

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

## N 24 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

VV0930 / VV0020

VV0109 / VV0111

30 mL

VV0109 / VV0111

VV0940 / VV0001

40 mL

VV0940 / VV0001

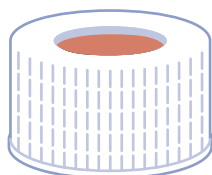
VV0112 / VV0113

60 mL

VV0112 / VV0113

### Ready assembled screw closures N24

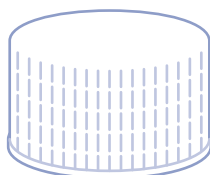
N 24 PP screw cap, white, center hole or closed top, pack of 100



702130

Butyl red / PTFE gray

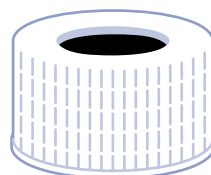
VC0318



702102

Butyl red / PTFE gray

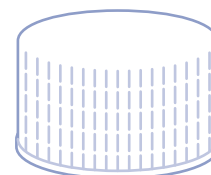
VC0319



702060

no liner

VC0232



702060

no liner

VC0530

Bonded closures (inseparable septa), pack of 100



702058

Center hole cap  
Silicone white / PTFE beige

VC0943



702059

Closed top cap  
Silicone white / PTFE beige

VC1945



702073

Closed top cap  
Red Rubber / TEF colourless

VC0320

Removable protection lid



702168

Silicone natural /  
PTFE colourless

VC0321

Single septa, pack of 100



702791

Butyl red /  
PTFE gray

VS0086

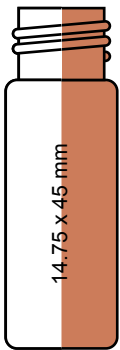
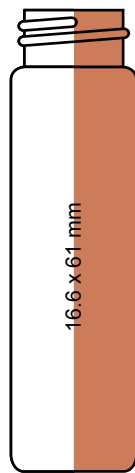
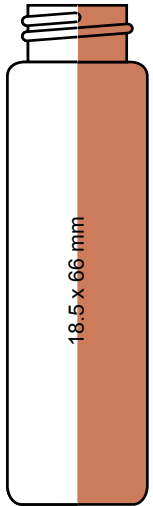
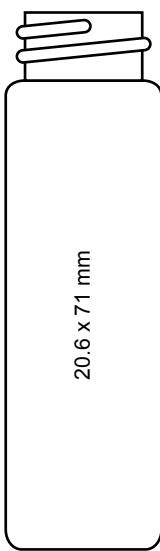
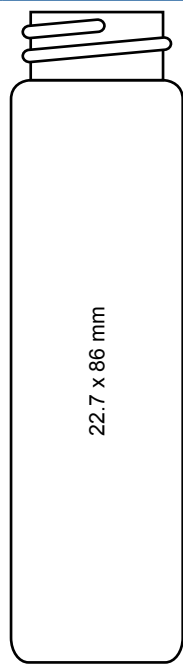
702062

Silicone natural /  
PTFE colourless

VS0048

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)
				
<b>702962 / 702973</b>	<b>702096 / 702311</b>	<b>70285 / 702097</b>	<b>702098</b>	<b>702099</b>
4 mL	8 mL	12 mL	16 mL	24 mL
<b>VV0252 / VV0031</b>	<b>VV0508 / VV0509</b>	<b>VV0512 / VV0513</b>	<b>VV0516</b>	<b>VV0524</b>

## Screw closures

N 13 (13-425 thread)	N 15 (15-425 thread)		N 18 (18-400 thread)	N 20 (20-400 thread)	
					
<b>702103</b>	<b>702104</b>	<b>702180</b>	<b>702105</b>	<b>702106</b>	<b>702181</b>
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	closed top cap, septum F217 white / PTFE beige, firmly fixed	center hole cap, Silicone white / PTFE beige (bonded)
<b>VS0023</b>	<b>VC0515</b>	<b>VC0322</b>	<b>VV0518</b>	<b>VC0520</b>	<b>VC0323</b>

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