



ubgl Scientific

The Best Partner for Analysis & Lab Consumables

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WE KNOW LAB

VBGL Scientific offers a complete range of consumables for GC, HPLC and Headspace analysis. This comprises of vials, septa, seals, filters, crimpers and other accessories. Besides all standard items for almost all common instruments in the chromatography market, VBGL Scientific also carries out special production runs of vials, septa and combination seals according to customer's specifications. The products are sold worldwide, they are of the highest quality and have been thoroughly tested.

In collaboration with clients we can develop customized glass products that are used in various market segments including: Hospitals, Research, Laboratory, Industry, Food and Nonfood Design Consumables.

VBGL Scientific is the ideal partner for both one-time purchases as well as annual large-scale consumption agreements. Our ordering system provides a link within our customer's ERP integration, for efficient handling of orders. We also offer the possibility of inventory management, so our clients are always assured of sufficient supplies.

We provide the overall laboratory design for our clients. We deliver equipment, supplies, disposables and also service and maintenance. VBGL offers a wide range of standard lab supplies and additionally provides many alternatives that can be tailored to our customer's needs.

VBGL can provide special quotes for deliveries based on fixed annual purchases, contracts or tenders.

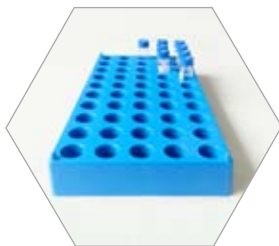


VBGL HPLC & GC Consumables

Silanized Products



Vials Racks



Shell Vials

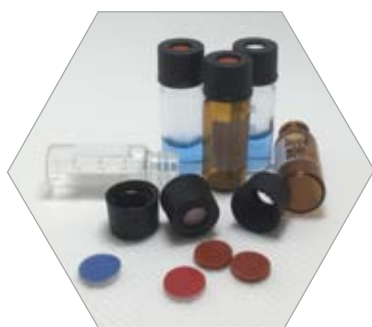


EPA Vials



Please contact VBGL about our new products and product ranges.

2.1 SCREW NECK ND8



THE VIALS ARE PREFERENTIALLY USED ON INSTRUMENTS OF THE FOLLOWING MANUFACTURES

- Beckman
- CTC
- Gilson
- Knauer
- Shimadzu
- Spark
- Varian
- VWR
- Merck/Hitachi

Please contact VBGL about the autosampler compatibility to confirm the required models.

2.1.1 Screw Neck Vials ND8, small opening, 8-425 thread and Micro-Vials ND8



VX8170

1.5 ml small opening screw vial, clear
11.6*32 mm



VX8270

1.5 ml small opening screw vial with write on patch, clear
11.6*32 mm



VX8350

1.5 ml small opening screw vial, amber
11.6*32 mm



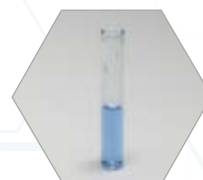
VX8450

1.5 ml small opening screw vial with write on patch, amber
11.6*32 mm



IPX1500

150 ul Insert with mandrel interior and polymer feet,
29*5mm
suits ND8 Vials



IX2000

200 ul Micro-Insert, 31*5 mm, clear glass, flat bottom
suits for ND8 Vials

2.1.2 PP Screw Seals ND8



CX810

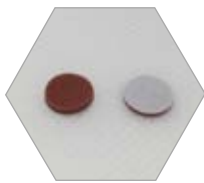
Black screw polypropylene cap,
5.5 mm centre hole

2.1.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE Seals and Butyl/PTFE Seals



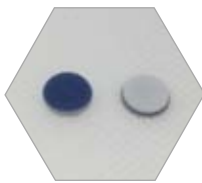
SX810

White PTFE/red
Silicone septa
Ø 8*1.5mm
temperature resistant
-60° - 200°



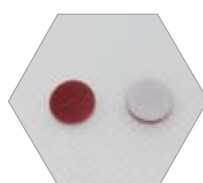
SX8110

Pre-slit white
PTFE/red Silicone
septas Ø 8*1.5mm
temperature resistant
-60° - 200°



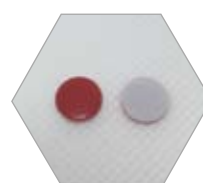
SX8440

Pre-slit blue
PTFE/white Silicone
septas Ø 8*1.5mm
temperature resistant
-60° - 200°



SX8220

Pre-slit White
PTFE/red Silicone
septas Ø 8*1.5mm
temperature resistant
-60° - 200°



SX820

White PTFE/red
Silicone septa
Ø 8*1.5mm
temperature resistant
-60° - 200°

2.1.4 Assembly Caps with Septa (Package)



SCX81810

White PTFE/red Silicone
septas, black screw cap,
5.5 mm centre hole



SCX82810

Red PTFE/white Sili-
cone septas, 8mm black
screw cap
5.5 mm centre hole



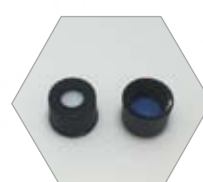
SCX811810

Pre-slit white PTFE/red
Silicone septas, 8mm
black screw cap,
5.5 mm centre hole



SCX822810

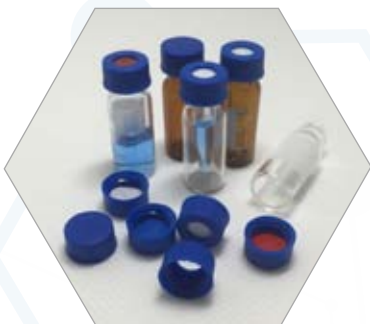
Pre-slit red PTFE/white
Silicone septas, 8mm
black screw cap
5.5 mm centre hole



SCX844810

Pre-slit blue PTFE/white
Silicone septas, 8mm
black screw cap
5.5 mm centre hole

2.2 SHORT THREAD ND9



THE VIALS ARE PREFERENTIALLY USED ON INSTRUMENTS OF THE FOLLOWING MANUFACTURES

- Beckman
- CTC
- Gilson
- Knauer
- Shimadzu
- Spark
- Varian
- VWR
- Merck/Hitachi

Please contact VBGL about the autosampler compatibility to confirm the required models.

2.2.1 Short Thread Vials ND9, wide opening and Micro-Vials with Short Thread ND9



VX9170

1.5 ml wide opening
short screw-thread
vial, clear
11.6*32 mm



VX9270

1.5 ml wide opening
short screw-thread
vial with write-on
spot, clear
11.6*32 mm



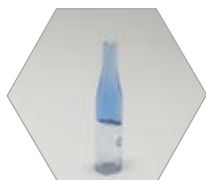
VX9350

1.5 ml wide opening
short screw-thread
vial with write-on
spot, amber
11.6*32 mm



VX9450

1.5 ml wide opening
short screw-thread
vial with write-on
spot, clear
11.6*32 mm with
fixed conic insert



ICX3000

350 ul Micro-Insert, 31*6 mm, clear glass, conic bottom suits for ND9 Vials



IPX2500

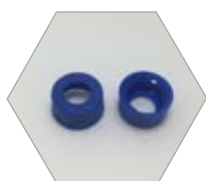
250 ul Insert with mandrel interior and polymer feet 29*5.7 mm suits for ND9 Vials



IX3000

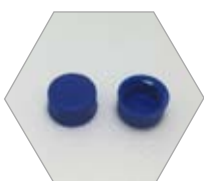
300 ul Micro-Insert, 31*6 mm, clear glass, flat bottom suits for ND9 Vials

2.2.2 PP Short Thread Seals ND9



CX910

9 mm blue short screw-thread polypropylene cap 6mm centre hole



CX920

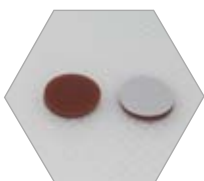
9 mm blue short screw-thread polypropylene cap

2.2.3 Septa 9mm for Short Thread Caps



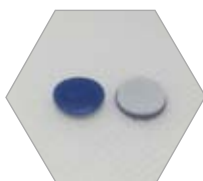
SX910

White PTFE/red Silicone septa Ø 9*1.0mm temperature resistant -60° - 200°



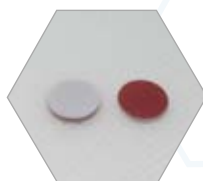
SX9110

Pre-slit white PTFE/red Silicone septa Ø 9*1.0 mm temperature resistant -60° - 200°



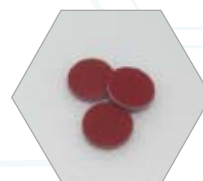
SX9440

Pre-slit blue PTFE/white Silicone septa Ø 9*1.0 mm temperature resistant -60° - 200°



SX9220

Pre-slit red PTFE/white Silicone septa Ø 9*1.0 mm temperature resistant -60° - 200°



SX930

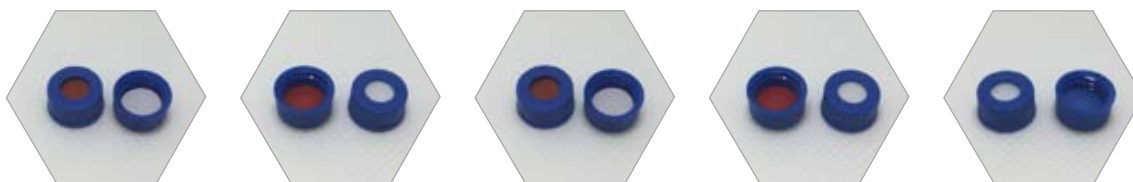
Red PTFE/white Silicone/red PTFE septa Ø 9*1.0mm temperature resistant -60° - 200°



SX920

Red PTFE/white Silicone septa Ø 9*1.0mm temperature resistant -60° - 200°

2.2.4 Assembly Caps with Septa



P/N	DESCRIPTION	PACKAGE
SCX91910	White PTFE/red Silicone septa, 9 mm blue short screw-thread cap, 6 mm centre hole	100 Numbers
SCX92910	Red PTFE/white Silicone septa, 9 mm blue short screw-thread cap, 6 mm centre hole	
SCX911910	Pre-slit white PTFE/red Silicone septa, 9 mm blue short screw-thread cap, 6 mm centre hole	
SCX922910	Pre-slit red PTFE/white Silicone septa, 9 mm blue short screw-thread cap, 6 mm centre hole	
SCX944910	Pre-slit blue PTFE/white Silicone septa, 9 mm blue short screw-thread cap, 6 mm centre hole	

2.3 CRIMP NECK ND11

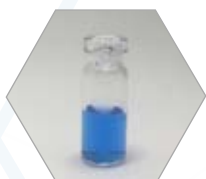


THE VIALS ARE PREFERENTIALLY USED ON INSTRUMENTS OF THE FOLLOWING MANUFACTURES

- Beckman
- CTC
- Gilson
- Knauer
- Shimadzu
- Spark
- Varian
- VWR
- Merck/Hitachi

Please contact VBGL about the autosampler compatibility to confirm the required models.

2.3.1 Crimp Neck Vials ND11, wide opening and appropriate Micro-Inserts



VX11170

1.5ml wide opening crimp-top vial, clear
11.6*32mm



VX11270

1.5ml wide opening crimp-top vial with write-on spot, clear
11.6*32mm



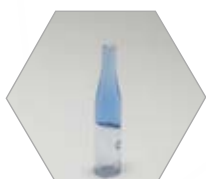
VX11350

1.5ml wide opening crimp-top vial, amber
11.6*32mm



VX11450

1.5ml wide opening crimp-top vial with write-on spot, amber
11.6*32mm



ICX3000

350ul Micro-Insert, 31*6mm, clear glass, Conic bottom suits for ND11 Vials



IPX2500

250ul Insert with mandrel interior and polymer feet
29*5.7mm suits for ND11 Vials



IX3000

300ul Micro-Insert, 31*6mm, clear glass, flat bottom suits for ND11 Vials

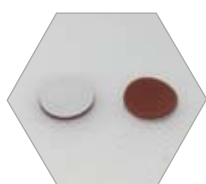
2.3.2 Aluminium Crimp Seals ND11



CX1110

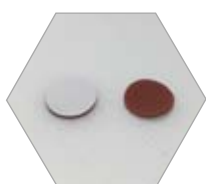
11mm crimp-top
aluminum cap
5.5mm centre hole

2.3.3 Natural Rubber/TEF, Red Rubber/PTFE ,Silicone/PTFE Seals and Butyl/PTFE Seals



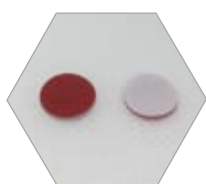
SX1110

White PTFE/red
Silicone septa
Ø 8*1.5mm
temperature resistant
-60° - 200°



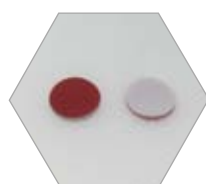
SX11110

Pre-slit white
PTFE/red Silicone
septas Ø 9*1.0 mm
temperature resistant
-60° - 200°



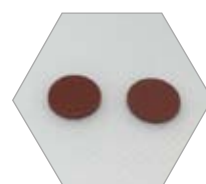
SX1120

Red PTFE/white
Silicone septa
Ø 8*1.5mm
temperature resistant
-60° - 200°



SX11220

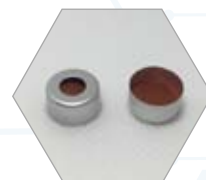
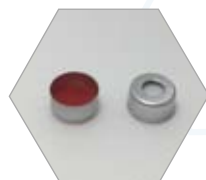
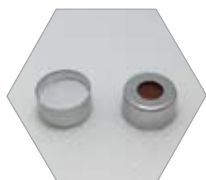
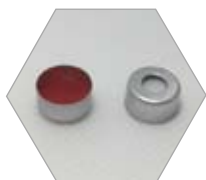
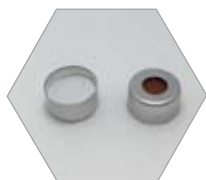
Pre-slit red
PTFE/white Silicone
septas Ø 8*1.5mm
temperature resistant
-60° - 200°



SX1140

Clear TFE/red Rubber
septas Ø 11*1.0mm
temperature resistant
-40° - 120°

2.3.4 Assembly Caps with Septa (Package)



P/N	DESCRIPTION	PACKAGE
SCX1111110	White PTFE/red Silicone septa, 11 mm crimp-top aluminum cap, 5.5 mm centre hole	100 Numbers
SCX1121110	Red PTFE/white Silicone septa, 11 mm crimp-top aluminum cap, 5.5 mm centre hole	
SCX11111110	Pre-slit white PTFE/red Silicone septa, 11 mm crimp-top aluminum cap, 5.5 mm centre hole	
SCX1122110	Pre-slit red PTFE/white Silicone septa, 11 mm crimp-top aluminum cap, 5.5 mm centre hole	
SCX1141110	Pre-slit red PTFE/white Silicone septa, 11 mm crimp-top aluminum cap, 5.5 mm centre hole	

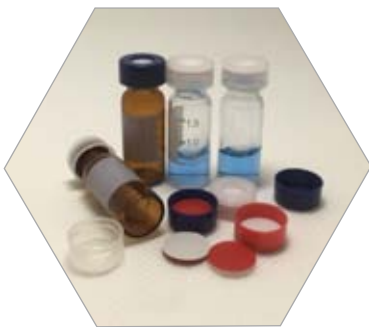
2.3.5 Crimper for 11mm crimp vials



CRHX110

11 mm crimper for crimp vials,
steel, black color

2.4 SNAP RING ND11



THE VIALS ARE PREFERENTIALLY USED ON INSTRUMENTS OF THE FOLLOWING MANUFACTURES

- Beckman
- CTC
- Gilson
- Knauer
- Shimadzu
- Spark
- Varian
- VWR
- Merck/Hitachi

Please contact VBGL about the autosampler compatibility to confirm the required models.

2.4.1 Snap Ring Vials ND11, wide opening and appropriate Micro-Inserts



VX10170

1.5 ml wide opening
snap-top vial, clear
11.6*32 mm



VX10270

1.5 ml wide opening
snap-top vial with
write-on spot, clear
11.6*32 mm



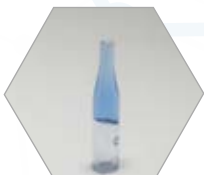
VX10350

1.5 ml wide opening
snap-top vial, amber
11.6*32 mm



VX10450

1.5 ml wide opening
snap-top vial with
write-on spot, amber
11.6*32 mm



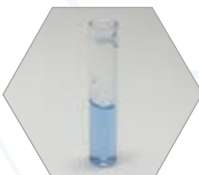
ICX3000

350ul Micro-
Insert, 31*6mm, clear
glass, Conic bottom
suits for ND11 Vials



IPX2500

250 ul Insert with
mandrel interior and
polymer feet
29*5.7 mm suits
for ND11 Vials



IX3000

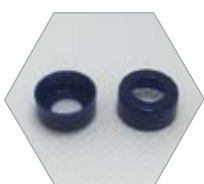
300 ul Micro-
Insert, 31*6 mm, clear
glass, flat bottom
suits for ND11 Vials

2.4.2 PE Snap Ring Seals ND11



CX1010

11 mm natural snap-top
polypropylene cap
6 mm centre hole



CX1020

11 mm blue snap-top
polypropylene cap
6 mm centre hole



CX1030

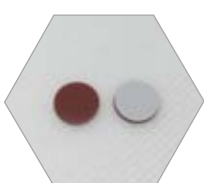
11 mm red snap-top
polypropylene cap
6 mm centre hole

2.4.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE Seals and Butyl/PTFE Seals



SX1010

White PTFE/red
Silicone septa
Ø 11*1.0mm
temperature resistant
-60° - 200°



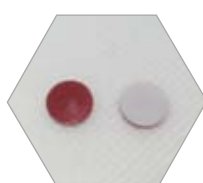
SX10110

Pre-slit white
PTFE/red Silicone
septas Ø 11*1.0mm
temperature resistant
-60° - 200°



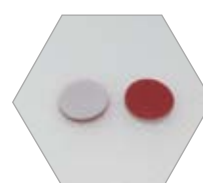
SX10440

Pre-slit blue
PTFE/white Silicone
septas Ø 11*1.0 mm
temperature resistant
-60° - 200°



SX10220

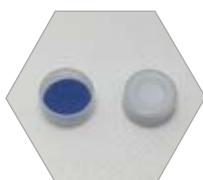
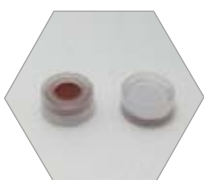
Pre-slit red
PTFE/white Silicone
septas Ø 11*1.0 mm
temperature resistant
-60° - 200°



SX1020

Red PTFE/white
Silicone septa
Ø 11*1.0 mm
temperature resistant
-60° - 200°

2.4.4 Assembly Caps with Septa



P/N	DESCRIPTION	PACKAGE
SCX1011010	White PTFE/red Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	100 Numbers
SCX1021010	Red PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
SCX10111010	Pre-slit white PTFE/red Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
SCX10221010	Pre-slit red PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
SCX10441010	Pre-slit blue PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
SCX1011020	White PTFE/red Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SCX1021020	Red PTFE/ white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SCX10111020	Pre-slit white PTFE/red Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SCX10221020	Pre-slit red PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SCX10441020	Pre-slit blue PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SCX1011030	White PTFE/red Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
SCX1021030	Red PTFE/ white Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
SCX10111030	Pre-slit white PTFE/red Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
SCX10221030	Pre-slit red PTFE/white Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	
SCX10441030	Pre-slit blue PTFE/white Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	

2.5 SCREW NECK ND13



THE VIALS ARE PREFERENTIALLY USED ON INSTRUMENTS OF THE FOLLOWING MANUFACTURES

- Dionex
- Shimadzu
- Spark
- Varian
- VWR
- Merck/Hitachi
- Waters (Wisp 48 Position Carousel)

Please contact VBGL about the autosampler compatibility to confirm the required models.

2.5.1 Screw Neck Vials ND13



VX13170

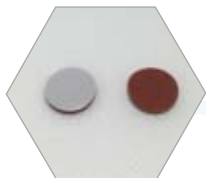
4 ml screw-thread vial
clear 15*45 mm



VX13350

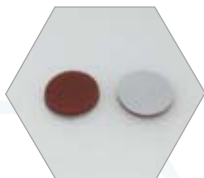
4 ml screw-thread vial
amber 15*45 mm

2.5.2 12mm Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



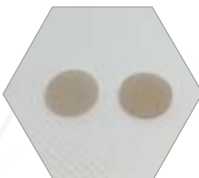
SX1310

White PTFE/red
Silicone septa
Ø 12*1.5 mm
temperature resistant
-60° - 200°



SX13110

Pre-slit white
PTFE/red Silicone
septas Ø 12*1.5 mm
temperature resistant
-60° - 200°



SX1340

Nature PTFE/nature
Silicone septa
Ø 12*1.5 mm
temperature resistant
-60° - 200°



SX1320

Red PTFE/white
Silicone septa
Ø 12*1.5 mm
temperature resistant
-60° - 200°

2.5.3 PP Screw Caps ND13



CX1310

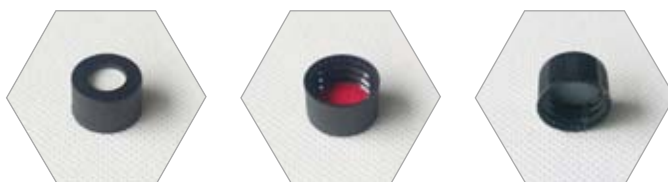
13 mm black screw
polypropylene cap
8.5 mm centre hole



CX1320

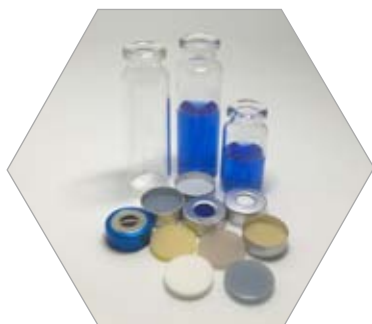
13 mm black screw
polypropylene cap
closed-top

2.5.4 Assembly Caps with Septa



P/N	DESCRIPTION	PACKAGE
SCX1311310	Ehite PTFE/red Silicone septa, 13 mm black screw polypropylene cap, 8.5 mm centre hole	100 Numbers
SCX1321310	Red PTFE/white Silicone septa, 13 mm black screw polypropylene cap, 8.5 mm centre hole	
SCX1331310	Red PTFE/white Silicone /red PTFE septa, 13 mm black screw polypropylene cap, 8.5 mm centre hole	
SCX1341310	Nature PTFE/nature Silicone septa, 13 mm black screw polypropylene cap, 8.5 mm centre hole	
SCX1341320	Nature PTFE/nature Silicone septa, 13 mm black screw polypropylene cap, closed-top	
SCX13111310	Pre-slit white PTFE/red Silicone septa, 13 mm black screw polypropylene cap, 8.5 mm centre hole	

2.6 HEADSPACE ND20 (ND18)

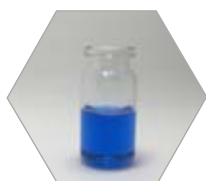


THE VIALS ARE PREFERENTIALLY USED ON INSTRUMENTS OF THE FOLLOWING MANUFACTURES

- Agilent
- Carlo Erba
- DANI
- CTC PAL (Varian, Gerstel, Atas, Shimadzu)
- Thermo Scientific
- TriPlus HS (Varian, Gerstel, Atas, Shimadzu)
- Fisons
- SPME Vial for CTC PAL

Please contact VBGL about the autosampler compatibility to confirm the required models.

2.6.1 Crimp Neck Vials ND20 + Screw Neck Vials ND18



VHX10170

10 ml crimp
headspace clear vial
flat bottom
22.5*46 mm



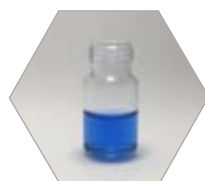
VHX20170

20 ml crimp
headspace clear vial
flat bottom
22.5*75.5 mm



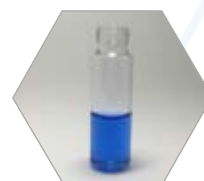
VHRX20170

20 ml crimp
headspace clear vial
rounded bottom
22.5*75.5 mm



VAX1010

10 ml clear precision
screw-thread vial
round bottom
22.5*46 mm



VAX2010

20 ml clear precision
screw-thread vial
round bottom
22.5*75.5 mm



VAX2050

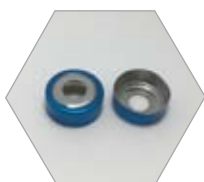
20 ml amber precision
screw-thread vial
round bottom
22.5*75.5 mm

2.6.2 Aluminium Crimp Seals ND20 & Bi Metal Screw Caps



CX2010

Crimp-top aluminum cap, 10 mm centre hole Ø 20 mm



SBCX2020

Crimp-top blue magnetic aluminum cap, 10 mm centre hole Ø 20 mm



CAX0010

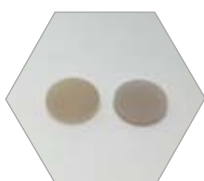
18 mm magnetic precision screwthread metal cap 8 mm centre hole

2.6.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



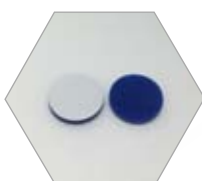
SX2010

White PTFE/white Silicone septa Ø 20*3 mm temperature resistant -60° - 200°



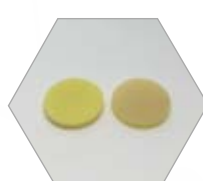
SX2020

Nature PTFE/nature Silicone septa Ø 20*3 mm temperature resistant -60° - 200°



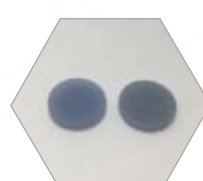
SX2030

White PTFE/blue Silicone septa Ø 20*3 mm temperature resistant -60° - 200°



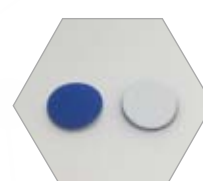
SX2040

Nature PTFE/yellow Silicone septa Ø 20*3 mm temperature resistant -60° - 200°



SX2050

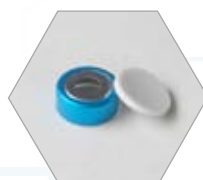
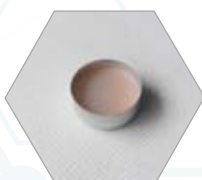
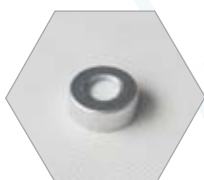
Nature PTFE/blue Silicone septa Ø 20*3 mm temperature resistant -60° - 200°



SAX0010

Blue PTFE/white Silicone septa Ø 17.5*1.5 mm temperature resistant -60° - 200°

2.6.4 Assembly Caps With Septa



P/N	DESCRIPTION	PACKAGE
SACAX0010	Blue PTFE/white Silicone septa, 18 mm magnetic precision screw-thread metal cap, 8 mm centre hole	100 Numbers
SCX2012010	White PTFE/white Silicone septa, 20 mm crimp-top aluminum cap, 10 mm centre hole	
SCX2022010	Nature PTFE/nature Silicone septa, 20 mm crimp-top aluminum cap, 10 mm centre hole	
SCX2032010	Pre-slit red PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
SCX2042010	Pre-slit blue PTFE/white Silicone septa, 11mm natural snap-top polypropylene cap, 6mm centre hole	
SCX2052010	White PTFE/red Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SBCX2012020	Red PTFE/ white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SBCX2022020	Pre-slit white PTFE/red Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SBCX2032020	Pre-slit red PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SBCX2042020	Pre-slit blue PTFE/white Silicone septa, 11mm blue snap-top polypropylene cap, 6mm centre hole	
SBCX2052020	White PTFE/red Silicone septa, 11mm red snap-top polypropylene cap, 6mm centre hole	

2.6.5 Crimper for 20mm Crimp vials



CRHX200

20 mm crimper for crimp vials,
steel, black color

2.7 SCREW NECK ND24 (EPA)



- Ready to use combination seals no time-consuming and “tricky” assembly
- No contamination of the liner with sweat/fat that normally is caused by manual assembly
- Available as closed top screw seals or with centre hole in white 24-400 caps
- Broad variety of different septa materials for almost all applications
- Also UltraBond Seals ND24 are offered, i.e. that the cap and the Silicone/PTFE liner of these seals form an inseparable unit avoiding the problem of liners falling out of the cap
- This 100% firm fit of the liner is achieved by a patented process that requires no adhesives, but instead changes the molecular structure of both components to achieve the fixation
- Also pre-sealed vials are available

2.7.1 Screw Neck Vials ND24 (EPA)



VX20170

20 ml screw-thread
storage vial, amber
27.5*57 mm



VX30170

30 ml screw-thread
storage vial, clear
27.5*75 mm



VX30270

30 ml screw-thread
storage vial, amber
27.5*75 mm



VX40170

40 ml screw-thread
storage vial, clear
27.5*95 mm



VX40270

40 ml screw-thread
storage vial, amber
27.5*95 mm



VX60170

60 ml screw-thread
storage vial, clear
27.5*140 mm



VX60270

60 ml screw-thread
storage vial, amber
27.5*140 mm

2.7.2 PP Screw Seals ND24



CX2210

White screw
polypropylene cap
15mm centre hole
Ø 22 mm



CX2220

White screw
polypropylene cap
closed-top
Ø 22 mm



CX2230

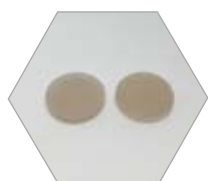
Black screw
polypropylene cap
15mm centre hole
Ø 22 mm



CX2240

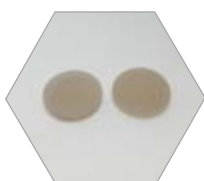
Black screw
polypropylene cap
closed-top
Ø 22 mm

2.7.3 Natural Rubber/TEF, Red Rubber/PTFE, Silicone/PTFE and Butyl/PTFE Septa



SX2210-I

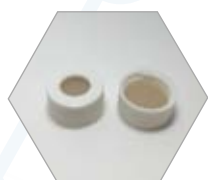
Nature PTFE/nature
Silicone septa
22*3 mm
temperature resistant
-60° - 200°



SX2210-II

Nature PTFE/nature
Silicone septa
22*1.5 mm
temperature resistant
-60° - 200°

2.7.4 Assembly Caps with Septa



SCX2212210

Nature PTFE/nature
Silicone septa
22*3 mm, 22 mm
white screw
polypropylene cap
15mm centre hole



SCX2212220

Nature PTFE/nature
Silicone septa
22*1.5 mm, 22 mm
white screw
polypropylene cap
closed-top



SCX2212230




Nature PTFE/nature
Silicone septa
22*3 mm, 22 mm
black screw
polypropylene cap
15mm centre hole






SCX2212240

Nature PTFE/nature
Silicone septa
22*1.5 mm, 22 mm
black screw
polypropylene cap
closed-top

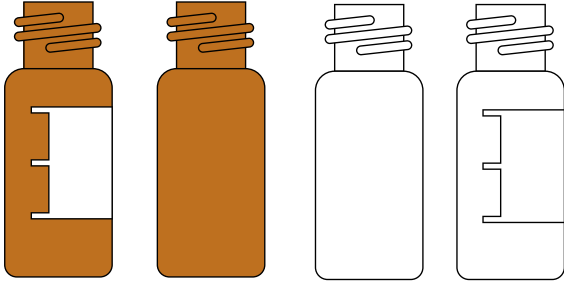
2.8 HPLC SYRINGE FILTERS

PES	DESCRIPTION	100 PCS/PACK
PESX130220	Syringe Filter, 13mm, 0.22um, Polyether Sulfone	
PESX130450	Syringe Filter, 13mm, 0.45um, Polyether Sulfone	
PESX170220	Syringe Filter, 17mm, 0.22um, Polyether Sulfone	
PESX170450	Syringe Filter, 17mm, 0.45um, Polyether Sulfone	
PESX250220	Syringe Filter, 25mm, 0.22um, Polyether Sulfone	
PESX250450	Syringe Filter, 25mm, 0.45um, Polyether Sulfone	
PESX300220	Syringe Filter, 30mm, 0.22um, Polyether Sulfone	
PESX300450	Syringe Filter, 30mm, 0.45um, Polyether Sulfone	
MCE	DESCRIPTION	100 PCS/PACK
MCEX130220	Syringe Filter, 13mm, 0.22um, Mixed Cellulose	
MCEX130450	Syringe Filter, 13mm, 0.45um, Mixed Cellulose	
MCEX170220	Syringe Filter, 17mm, 0.22um, Mixed Cellulose	
MCEX170450	Syringe Filter, 17mm, 0.45um, Mixed Cellulose	
MCEX250220	Syringe Filter, 25mm, 0.22um, Mixed Cellulose	
MCEX250450	Syringe Filter, 25mm, 0.45um, Mixed Cellulose	
MCEX300220	Syringe Filter, 30mm, 0.22um, Mixed Cellulose	
MCEX300450	Syringe Filter, 30mm, 0.45um, Mixed Cellulose	
NY	DESCRIPTION	100 PCS/PACK
NYX130220	Syringe Filter, 13mm, 0.22um, Nylon	
NYX130450	Syringe Filter, 13mm, 0.45um, Nylon	
NYX170220	Syringe Filter, 17mm, 0.22um, Nylon	
NYX170450	Syringe Filter, 17mm, 0.45um, Nylon	
NYX250220	Syringe Filter, 25mm, 0.22um, Nylon	
NYX250450	Syringe Filter, 25mm, 0.45um, Nylon	
NYX300220	Syringe Filter, 30mm, 0.22um, Nylon	
NYX300450	Syringe Filter, 30mm, 0.45um, Nylon	

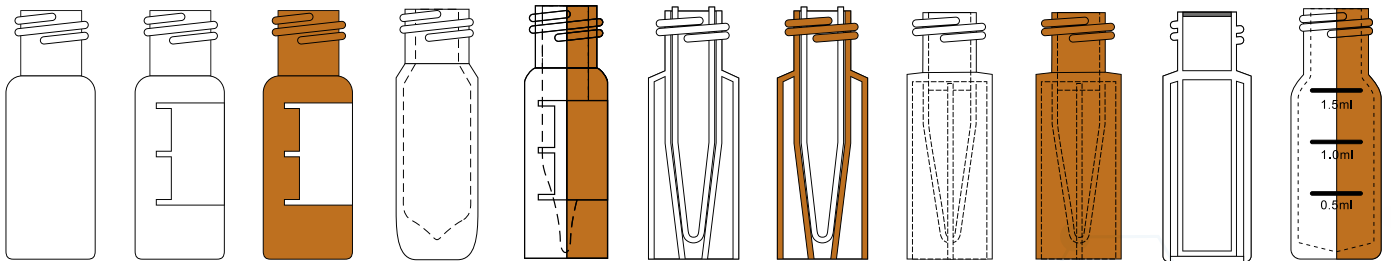
PTFE	DESCRIPTION	100 PCS/PACK
PVX130220	Syringe Filter, 13mm, 0.22um, PTFE	
PVX130450	Syringe Filter, 13mm, 0.45um, PTFE	
PVX170220	Syringe Filter, 17mm, 0.22um, PTFE	
PVX170450	Syringe Filter, 17mm, 0.45um, PTFE	
PVX250220	Syringe Filter, 25mm, 0.22um, PTFE	
PVX250450	Syringe Filter, 25mm, 0.45um, PTFE	
PVX300220	Syringe Filter, 30mm, 0.22um, PTFE	
PVX300450	Syringe Filter, 30mm, 0.45um, PTFE	
PVDF	DESCRIPTION	100 PCS/PACK
PVX130220	Syringe Filter, 13mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVX130450	Syringe Filter, 17mm, 0.45um, Hydrophobic polyvinylidene fluoride	
PVX170220	Syringe Filter, 25mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVX170450	Syringe Filter, 25mm, 0.45um, Hydrophobic polyvinylidene fluoride	
PVX250220	Syringe Filter, 13mm, 0.45um, Hydrophobic polyvinylidene fluoride	
PVX250450	Syringe Filter, 17mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVX300220	Syringe Filter, 30mm, 0.22um, Hydrophobic polyvinylidene fluoride	
PVX300450	Syringe Filter, 30mm, 0.45um, Hydrophobic polyvinylidene fluoride	
GF	DESCRIPTION	100 PCS/PACK
GFX13070	Syringe Filter, 13mm, 0.70um, Glass Fiber	
GFX13100	Syringe Filter, 13mm, 1.00um, Glass Fiber	
GFX17070	Syringe Filter, 17mm, 0.70um, Glass Fiber	
GFX17100	Syringe Filter, 17mm, 1.00um, Glass Fiber	
GFX25070	Syringe Filter, 25mm, 0.70um, Glass Fiber	
GFX25100	Syringe Filter, 25mm, 1.00um, Glass Fiber	
GFX30070	Syringe Filter, 30mm, 0.70um, Glass Fiber	
GFX30100	Syringe Filter, 30mm, 1.00um, Glass Fiber	

DRAWINGS OF VIALS

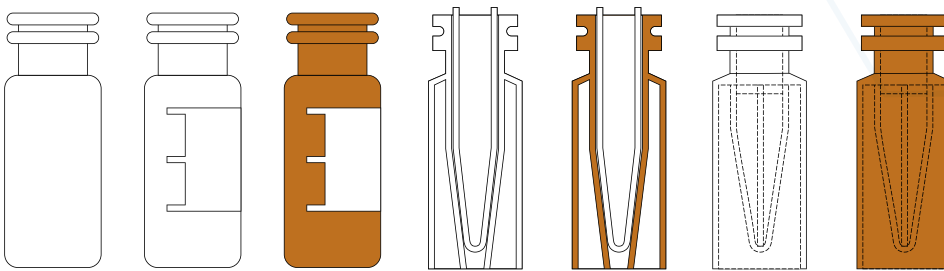
Screw Neck ND8, small opening Vials



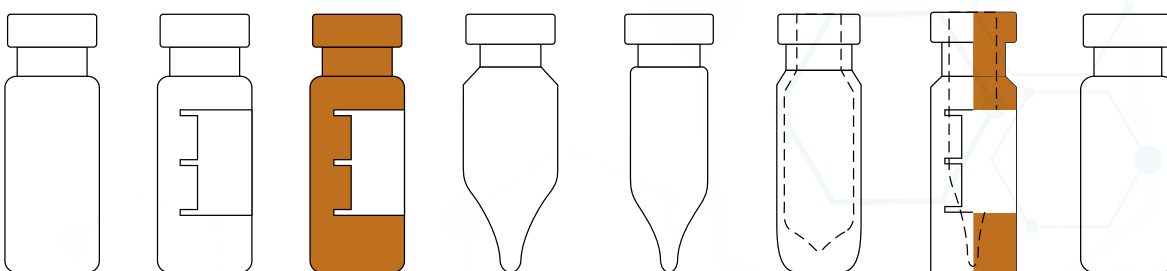
Screw Neck ND9, wide opening Vials



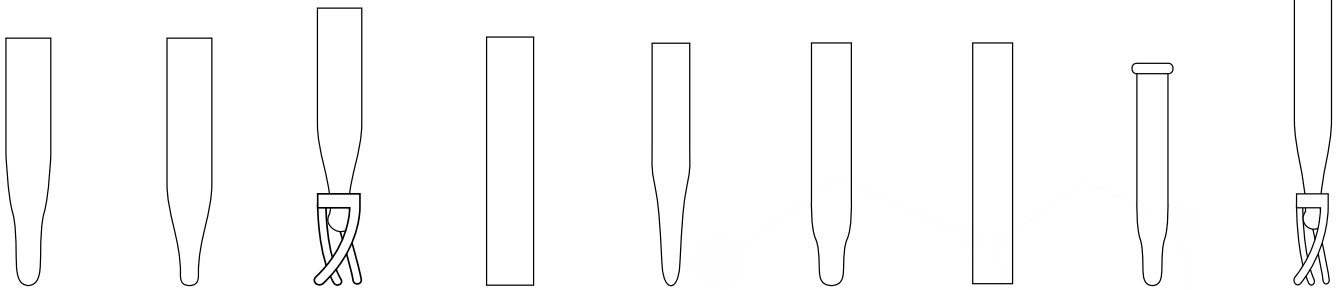
Snap Ring ND11 Vials



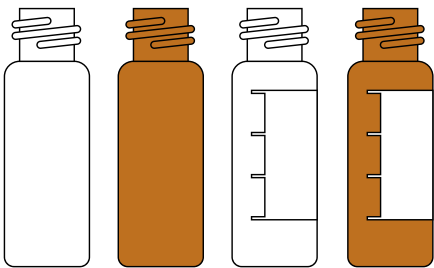
Crimp Neck ND11 Vials



Inserts



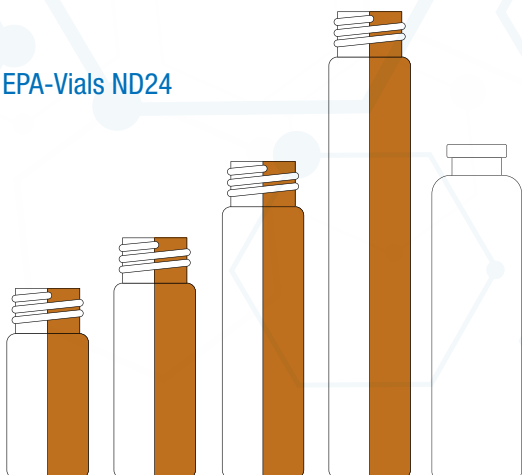
13-425 Screw Vials



Headspace ND20 Vials



EPA-Vials ND24





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