

N 8 Screw neck vials, inserts and caps N 8

Screw neck vials N 8

Small opening, 8-425 thread



70213	70213.2	702004	702893	702860
1.5 mL	1.5 mL	1.5 mL	1.5 mL	1.1 mL
11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm
clear	amber	clear, label + scale	amber, label + scale	clear
flat bottom	flat bottom	flat bottom	flat bottom	conical
100/PP box	100/PP box	100/PP box	100/PP box	100/PP box

Inserts for screw neck vials N 8 (small opening)

Inserts for small opening vials



702968*	702968.1*	702824	702005
0.1 mL	0.15 mL	0.1 mL	0.25 mL
5 x 31 mm	5 x 31 mm	5 x 29 mm	5 x 31 mm
clear	clear	clear	clear
conical, 15 mm tip	conical, 9 mm tip	with plastic spring	flat bottom
100/PE bag	100/PE bag	100/PE bag	100/PE bag

* Optionally you may use metal springs 702974.1 in combination with these products to push them up in the vial (100/PE bag).

Container for screw neck vials N 8

REF	Description	Pack of
702514	81 position container blue for screw neck vials N 8, 130 x 130 x 45 mm, coded, with transparent lid (suitable for freezers)	1

Vial rack for screw neck vials N 8















REF	Description	Pack of
702502	50 position polypropylene vial rack blue for all vials 11.6 x 32 mm with flat bottom Dimensions: 190 x 100 x 22 mm, stackable	1







Screw neck vials, inserts and caps N 8

N 8







Ready assembled screw closures N 8 and plain screw caps N 8

REF	(Scale 1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
702067		 N 8 PP screw cap, black, center hole	Red Rubber / FEP colorless	45° shore A	1.3 mm	100 / PE bag
702068		 as above, but with closed top				
70245		 N 8 PP screw cap, black, center hole	Silicone white / PTFE red	45° shore A	1.3 mm	100 / PE bag
702066		 as above, but with closed top				
702437		 N 8 PP screw cap, black, center hole	Silicone white / PTFE blue, slit	55° shore A	1.0 mm	100 / PE bag
702069		 N 8 PP screw cap, black, center hole	PTFE red / Silicone white / PTFE red	50° shore A	1.0 mm	100 / PE bag
70249		- N 8 PP screw cap, black, center hole (no liner)	-	-	-	100 / PE bag
70250		- N 8 PP screw cap, black, closed top (no liner)	-	-	-	100 / PE bag

N 8 septa for screw caps N 8

REF	(Scale 1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
70261		- (septum only)	PTFE virginal, white	53° shore D	0.25 mm	100 / PE bag
702070		- (septum only)	Red Rubber / FEP colorless	45° shore A	1.3 mm	100 / PE bag
70248		- (septum only)	Silicone white / PTFE red	45° shore A	1.3 mm	100 / PE bag
702481		- (septum only)	Silicone white / PTFE blue, slit	55° shore A	1.0 mm	100 / PE bag

Vial Kits screw neck N 8











Vial ↓	Closure → (Scale 1:1.6)
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>70245</p>   </div> <div style="text-align: center;"> <p>702437</p>   </div> <div style="text-align: center;"> <p>702067</p>   </div> </div>
70213: 1.5 mL, clear, flat bottom	702238 702247 702246
70213.2: 1.5 mL, amber, flat bottom	702249 702251 702248










Pack of 100 vials and 100 closures, each
Other Vial Kits on request



N9 Screw neck vials, inserts and caps N 9

Screw neck vials and inserts N 9

Wide opening, short thread									
Polypropylene					Polypropylene				
									
702282	702293	702283	702284	702500	702813	702716	702818	702819	702825
		silanized 702078	silanized 702079		silanized 702077		silanized 702818.1		
1.5 mL	1.5 mL	1.5 mL	1.5 mL	1.5 mL	0.2 mL	0.25 mL	0.1 mL	0.1 mL	0.3 mL
11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	6 x 31 mm	6 x 31 mm	5.7 x 29 mm	5.7 x 29 mm	6 x 31 mm
clear	amber	clear, label + scale	amber, label + scale	transparent, filling lines	clear	clear	clear	transparent	clear
flat bottom	flat bottom	flat bottom	flat bottom	flat bottom	conical, 15 mm tip	conical, 12 mm tip	with plastic spring	with integrated spring	flat bottom
100/PP box	100/PP box	100/PP box	100/PP box	100/PE bag	100/PE bag	100/PE bag	100/PE bag	100/PE bag	100/PE bag

Micro-vials N 9 for small sample volumes										
			PP/Glass insert	PP/Glass insert				Polypropylene	Polypropylene	Polypropylene
										
702006	702007	702008	702135*	702335*	702088	702009	702172	702010		
1.1 mL	0.2 mL	0.2 mL	0.2 mL	0.2 mL	1.1 mL	0.3 mL	0.3 mL	0.7 mL		
11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm		
clear	clear	amber	clear	amber	clear	transparent	amber	transparent		
flat bottom, 15 µL funnel in solid glass bottom	flat bottom, with integrated 0.2 mL insert	flat bottom, with integrated 0.2 mL insert	flat bottom, with integrated 0.2 mL glass insert	flat bottom, with integrated 0.2 mL glass insert	conical with round pedestal glass plate	with inner cone	with inner cone	with round bottom insert		
100/PP box	100/PP box	100/PP box	100/PP box	100/PP box	100/PP box	100/PE bag	100/PE bag	100/PE bag		

* upon request also available with an integrated silanized insert

Pre-assembled vial-insert combinations with screw neck N 9

Vial description	Insert description	Pack of	REF
Vial 702282: 1.5 mL, clear, flat bottom	with pre-assembled micro-insert 702813: 0.2 mL, conical, 15 mm tip	100/PP box	702177
Vial 702283: 1.5 mL, clear, flat bottom, label + scale	with pre-assembled micro-insert 702813: 0.2 mL, conical, 15 mm tip	100/PP box	702178
Vial 702284: 1.5 mL, amber, flat bottom, label + scale	with pre-assembled micro-insert 702813: 0.2 mL, conical, 15 mm tip	100/PP box	702179

Further pre-assembled vial-insert combinations on request

Screw neck vials, inserts and caps N 9

N 9

Container for screw neck vials N 9

REF	Description	Pack of
702514	81 position container blue for screw neck vials N 9, 130 x 130 x 45 mm, coded, with transparent lid (suitable for freezers)	1







Vial rack for screw neck vials N 9

REF	Description	Pack of
702502	50 position polypropylene vial rack blue for all vials 11.6 x 32 mm with flat bottom Dimensions: 190 x 100 x 22 mm, stackable	1

Ready assembled screw closures, plain screw caps and single septa N 9





Cap description (Scale 1:1.6)	Septum description	Hardness	Thickness	Pack of
N 9 PP screw cap, color as indicated, center hole  702029 702031	closed top PTFE virginal, white  702032	53° shore D	0.25 mm	100/PE bag
N 9 PP screw cap, blue, center hole  702402	Silicone white / Polyimide orange (flourine-free) 	45° shore A	1.0 mm	100/PE bag
N 9 PP screw cap, color as indicated, center hole  702030 702732 702080 702081 702082 702147 702033	closed top Red Rubber / FEP colorless 	45° shore A	1.0 mm	100/PE bag
N 9 PP screw cap, color as indicated, center hole  702287 702287.1 702036 702037 702038 702107 702034	closed top Silicone white / PTFE red 	45° shore A	1.0 mm	100/PE bag
N 9 PP screw cap, color as indicated, center hole  702288 702288.1 702039 702040 702083 702109	Silicone white / PTFE blue, slit 	55° shore A	1.0 mm	100/PE bag
N 9 PP screw cap, color as indicated, center hole  702286 702035 702158 702084 702085 702159	PTFE red / Silicone white / PTFE red 	50° shore A	1.0 mm	100/PE bag
N 9 PP screw cap, color as indicated, center hole (no liner)  702160 702161 702162 702163 702164 702165	–	–	–	100/PE bag

Ready assembled magnetic screw closures N 9




REF	(Scale 1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
702155		 N 9 magnetic screw cap, silver, center hole	Silicone white / PTFE red	45° shore A	1.0 mm	100/PE bag
702156		 N 9 magnetic screw cap, silver, center hole	Silicone white / PTFE blue, slit	55° shore A	1.0 mm	100/PE bag

N 9 Screw neck vials, inserts and caps N 9

N 9 septa for screw caps N 9






REF	(Scale 1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
702043		- (septa only)	PTFE virginal, white	53° shore D	0.25 mm	100/PE bag
702041		- (septa only)	Red Rubber / FEP colorless	45° shore A	1.0 mm	100/PE bag
702042		- (septa only)	Silicone white / PTFE red	45° shore A	1.0 mm	100/PE bag
702148		- (septa only)	Silicone white / PTFE blue, slit	55° shore A	1.0 mm	100/PE bag

Bonded screw closures N 9

REF	(Scale 1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
702028		N 9 PP bonded screw cap, blue, center hole	Red Rubber / TEF colorless	65° shore A	1.0 mm	100/PE bag
702026		N 9 PP bonded screw cap, blue, center hole	Silicone beige / PTFE white	45° shore A	1.3 mm	100/PE bag
702027		N 9 PP bonded screw cap, blue, center hole	Silicone beige / PTFE white, slit	45° shore A	1.3 mm	100/PE bag

(Septum firmly connected with the cap; cannot be removed)

Vial Kits screw neck N 9

Vial ↓	Closure → (Scale 1:1.6)				
	702287.1	702288.1	702732	702026	702027
					
702282: 1.5 mL, clear, flat bottom	702201	702204	702207		702244
702283: 1.5 mL, clear, flat bottom, label and scale	702202	702205	702208	702211	702213
702284: 1.5 mL, amber, flat bottom, label and scale	702203	702206	702209	702212	702214
702009: 0.3 mL, PP, transparent, with inner cone		702226			

Pack of 100 vials and 100 closures, each
Other Vial Kits on request



Screw neck vials, inserts and caps N 9



N 9

Pre-sealed vial-closure combinations with screw neck N 9

Vial description	Closure description	Pack of	REF
Pre-sealed vials 702282 : 1.5 mL screw neck vial N 9, 11.6 x 32 mm, clear, flat bottom, wide opening	pre-screwed with 702732 : N 9 PP screw cap, blue, center hole, Red Rubber / FEP colorless, 45° shore A, 1.0 mm	100	702857
Pre-sealed vials 702283 : 1.5 mL screw neck vial N 9, 11.6 x 32 mm, clear, flat bottom, wide opening, label + scale	pre-screwed with 702732 : N 9 PP screw cap, blue, center hole, Red Rubber / FEP colorless, 45° shore A, 1.0 mm	100	702858
Pre-sealed vials 702282 : 1.5 mL screw neck vial N 9, 11.6 x 32 mm, clear, flat bottom, wide opening	pre-screwed with 702287.1 : N 9 PP screw cap, blue, center hole, Silicone white / PTFE red, 45° shore A, 1.0 mm	100	702874
Pre-sealed vials 702283 : 1.5 mL screw neck vial N 9, 11.6 x 32 mm, clear, flat bottom, wide opening, label + scale	pre-screwed with 702288.1 : N 9 PP screw cap, blue, center hole, Silicone white / PTFE blue, slit, 55° shore A, 1.0 mm	100	702863
Pre-sealed vials 702284 : 1.5 mL screw neck vial N 9, 11.6 x 32 mm, amber, flat bottom, wide opening, label + scale	pre-screwed with 702288.1 : N 9 PP screw cap, blue, center hole, Silicone white / PTFE blue, slit, 55° shore A, 1.0 mm	100	702873
Pre-sealed vials 702283 : 1.5 mL screw neck vial N 9, 11.6 x 32 mm, clear, flat bottom, wide opening, label + scale	pre-screwed with 702026 : N 9 PP bonded screw cap, blue, center hole, Silicone beige / PTFE white, 45° shore A, 1.3 mm	100	702864

Other pre-sealed vial-closure combinations on request



Special vials for special applications

Silanized glass vials / Plastic vials / Plastic vials with glass insert

- Silanized glass vials
Silanized glass vials have a de-activated inner glass surface, in order to reduce adsorption of polar substances. Therefore they are often used for the analysis of proteins, phenols and amino acids, which would – without any silanization of the glass surface – react with the OH-groups of the glass and thus would stick to the normally polar glass surface. It is also recommendable to use silanized vials respectively inserts for pH-sensitive and aqueous samples.
- Plastic vials
For some applications glass vials are not suitable due their composition and their chemical properties. Amongst these are heavy metal analysis, water and protein analysis, atomic absorption, capillary electrophoresis (CE) and ion chromatography (IC). For all these cases high purity polypropylene vials with 1.5 mL, 0.3 mL and 0.7 mL volume in transparent and amber are available.
- Plastic vials with integrated glass insert
In comparison to the glass-in-glass products, glass-in-plastic systems are very robust, as the glass insert is well protected by the polypropylene outer shell. The tip of the micro-insert is centered by 100 per cent in an outlet at the bottom. The insert sits firmly in the protective PP round bottom shell and thus can easily be filled. Another advantage of these systems is their excellent tightness, as the glass insert always constantly exceeds the rim of the plastic outer vial by 0.1 mm granting a firm sealing of the sample in the insert. Upon request also a silanized insert can be integrated into the plastic shell. The high transparent polypropylene enables a good view on the filling level.











N 10 Screw neck vials, inserts and caps N 10

Screw neck vials and inserts N 10

Wide opening, 10-425 thread

Polypropylene

							
702011	702012	702013	702813	702716	702818	702819	702825
1.5 mL	1.5 mL	1.5 mL	silanized 702077		silanized 702818.1		
11.6 x 32 mm	11.6 x 32 mm	11.6 x 32 mm	6 x 31 mm	6 x 31 mm	5.7 x 29 mm	5.7 x 29 mm	6 x 31 mm
clear	clear, label + scale	amber, label + scale	clear	clear	clear	transparent	clear
flat bottom	flat bottom	flat bottom	conical, 15 mm tip	conical, 12 mm tip	with plastic spring	with integrated spring	flat bottom
100/PP box	100/PP box	100/PP box	100/PE bag	100/PE bag	100/PE bag	100/PE bag	100/PE bag

Container for screw neck vials N 10







REF	Description	Pack of
702514	81 position container blue for screw neck vials N 10, 130 x 130 x 45 mm, coded, with transparent lid (suitable for freezers)	1



Vial rack for screw neck vials N 10

REF	Description	Pack of
702502	50 position polypropylene vial rack blue for all vials 11.6 x 32 mm with flat bottom. Dimensions: 190 x 100 x 22 mm, stackable	1



Screw closures N 10 and plain screw caps N 10

REF	Scale (1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
702044		N 10 PP bonded* screw cap, black, center hole	Red Rubber / TEF colorless	65° shore A	1.0 mm	100/PE bag
702045		N 10 PP bonded* screw cap, black, center hole	Silicone white / PTFE beige	45° shore A	1.5 mm	100/PE bag
702046		N 10 PP bonded* screw cap, black, center hole	Silicone white / PTFE red	45° shore A	1.0 mm	100/PE bag
702047		N 10 PP bonded* screw cap, black, center hole	Silicone white / PTFE blue, slit	45° shore A	1.5 mm	100/PE bag
702048		N 10 PP screw cap, black, center hole (ready assembled)	PTFE red / Silicone white / PTFE red	45° shore A	1.0 mm	100/PE bag
702049		N 10 PP screw cap, black, center hole (no liner)	-	-	-	100/PE bag











* Septum firmly connected with the cap; cannot be removed

Screw neck vials and insert N 13

13-425 Thread



















			
702962	702973	702972	702974
4 mL	4 mL	0.3 mL	
14.75 x 45 mm	14.75 x 45 mm	6 x 40 mm	
clear	amber	clear	
flat bottom	flat bottom	conical, metal spring required	metal spring for 702972
100 / PP box	100 / PP box	100 / PE bag	100 / PE bag

Ready assembled screw closures N 13, plain screw caps N 13, single septa N 12

REF	(Scale 1:1.6)	Cap description	Septum description	Hardness	Thickness	Pack of
702113		N 13 PP bonded* screw cap, white, closed top	Silicone white / PTFE blue	55° shore A	1.3 mm	100 / PE bag
702050		N 13 PP screw cap, black, center hole	Red Rubber / FEP colorless	40° shore A	1.5 mm	100 / PE bag
702051		as above, but with closed top				
702926		N 13 PP screw cap, black, center hole	Silicone white / PTFE red	40° shore A	1.3 mm	100 / PE bag
702052		as above, but with closed top				
702963		N 13 PP screw cap, black, center hole (no liner)	-	-	-	100 / PE bag
702966		as above, but with closed top (no liner)				
70260		- (septum only)	PTFE virginal, white	53° shore D	0.25 mm	100 / PE bag
702053		- (septum only)	Red Rubber / FEP colorless	40° shore A	1.5 mm	100 / PE bag
702292		- (septum only)	Silicone white / PTFE red	40° shore A	1.3 mm	100 / PE bag

* Septum firmly connected with the cap; cannot be removed

Screw neck vials and closed top screw closures for storage of liquid samples

N 8				N 9				N 13		
Small opening, 8-425 thread				Wide opening, short thread				13-425 thread		
										
70213	70213.2	702004	702893	702282	702293	702283 silanized 702078	702284 silanized 702079	702962	702973	
1.5 mL	1.5 mL	1.5 mL	1.5 mL	1.5 mL	1.5 mL	1.5 mL	1.5 mL	4 mL	4 mL	
11.6 x 32 mm				11.6 x 32 mm				14.75 x 45 mm	14.75 x 45 mm	
clear, flat bottom	amber, flat bottom	clear, flat bottom, label + scale	amber, flat bottom, label + scale	clear, flat bottom	amber, flat bottom	clear, flat bottom, label + scale	amber, flat bottom, label + scale	clear, flat bottom	amber, flat bottom	
100 / PP box				100 / PP box				100 / PP box	100 / PP box	
To be used with*				To be used with*				To be used with*		
										
702068	702066			702032	702033	702034	702113	702051	702052	
N 8 PP screw cap, black, closed top, Red Rubber / FEP colorless, 45° shore A, 1.3 mm	N 8 PP screw cap, black, closed top, Silicone white / PTFE red, 45° shore A, 1.3 mm			N 9 PP screw cap blue, closed top, PTFE virginal, white, 53° shore D, 0.25 mm	N 9 PP screw cap blue, closed top, Red Rubber / FEP colorless, 45° shore A, 1.0 mm	N 9 PP screw cap blue, closed top, Silicone white / PTFE red, 45° shore A, 1.0 mm	N 13 PP bonded screw cap, white, closed top, Silicone white / PTFE blue, 55° shore A, 1.3 mm	N 13 PP screw cap, black, closed top, Red Rubber / FEP colorless, 40° shore A, 1.5 mm	N 13 PP screw cap, black, closed top, Silicone white / PTFE red, 40° shore A, 1.3 mm	
100 / PE bag	100 / PE bag			100 / PE bag	100 / PE bag	100 / PE bag	100 / PE bag	100 / PE bag	100 / PE bag	

* Scale (1:1.6)

Container for screw neck vials N 15

REF	Description	Pack of
702518	36 position container blue with removeable divider for screw neck vials N 15, 130 x 130 x 80 mm, with transparent lid (suitable for freezers)	1

