

Screw neck vials, inserts and caps N 9

N 9

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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	0.2 mL	0.25 mL	0.1 mL	0.1 mL	0.3 mL				
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	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							
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/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

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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 	53° shore D	0.25 mm	100/PE bag
 702402				
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	Silicone white / Polyimide orange (fluorine-free, for PFAS analysis) 	50° 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	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  702286 702035 702158 702084 702085 702159	closed top Silicone white / PTFE blue, slit 	55° shore A	1.0 mm	100/PE bag
N 9 PP screw cap, color as indicated, center hole  702160 702161 702162 702163 702164 702165	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) 	-	-	-	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 septa for screw caps N 9

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



Vials and caps for PFAS analysis

Per- and polyfluoroalkyl substances (PFAS) are used for many daily applications, e.g. food packaging and textile coating, because of their non-sticky properties. However, most PFAS are dangerous substances that need to be monitored globally. Due to their increasing appearance in the environment, new product solutions for their analysis are of great demand.

When you are doing PFAS analysis, it is crucial to select the right vials and closures for this application. Adsorption effects of glass as well as possible contaminations of the sample by particles from the septa, especially from the PTFE lamination, may put your analysis results at risk.

Polypropylene vials are best suited for PFAS analysis, since the adsorption effects are the lowest and the signal strength of the analytes is therefore the highest. Fluorine-free septa, i. e. septa with a polyimide coating rather than a PTFE coating, are recommended to eliminate any migration of fluorine into the sample.

