

7. Screw Neck ND13

The vials are preferentially used on instruments of the following manufacturers: **Dionex, Shimadzu, Spark, Varian, VWR (Merck®)/Hitachi, Waters® (Wisp 48 Position Carousel), etc.**

(Please have a look at the autosampler compatibility chart on pages 76-85 to see on which models they can be used)

- Vials are packed in a cleanroom in reclosable, tamper-proof evident PP-Boxes.
- Any combination of 4ml Screw Neck Vial ND13 with one of our 13mm PP Screw Seals can be obtained as a 2in1 KIT (see chapter 7.5).
- Upon request barcode labelled vials can also be supplied.
- For storage purposes also available with closed top screw seals.
- Acrylic vial racks with 40 cavities for 4ml vials (s.chapter 18.1).



7.1 Screw Neck Vials ND13 and appropriate Micro-Inserts



Art. No.	13 09 0222	13 09 1335	13 09 0280	13 09 1336	40 09 0146	50 13 0147
Description	4ml Screw Neck Vial, 45 x 14.7mm, clear glass, 1 st hydrol. class	4ml Screw Neck Vial, 45 x 14.7mm, clear glass, 1 st hydrol. class, label + filling lines	4ml Screw Neck Vial, 45 x 14.7mm, amber glass, 1 st hydrol. class	4ml Screw Neck Vial, 45 x 14.7mm, amber glass, 1 st hydrol. class, label + filling lines	0.3ml Micro-Insert, 40 x 6mm, clear glass, 1 st hydrol. class, 15mm top Metal Spring required!	Spring 50 x 7.5mm For Micro-Insert 40 09 0146!
TFVol. (ml)	5	5	5	5	0.5	
UsVol. (ml)	4.1	4.1	4.1	4.1	0.4	
MWVol. (µl)	800	800	800	800	40	
Res. Vol. (µl)	<400	<400	<400	<400	<9	
	100 pcs. per PP-Box				10 x 100 pcs. per PP-Box	100 pcs. per PE-Bag

7.2 PP Screw Seals ND13

- 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 or open top screw seals with 13-425 thread.
- Tamper-proof evident and reclosable zip-lock bags ensure product safety.
- Broad variety of different septa materials for almost all applications.



Art. No.	13 15 0456	13 15 1639	13 15 0815	13 15 0887	13 15 0292	13 15 1293	13 15 0439	13 15 1638	13 15 0648
Description Cap	Polypropylene Screw Cap black, 8.5mm centre hole	Polypropylene Screw Cap black, 8.5mm centre hole	Polypropylene Screw Cap black, 8.5mm centre hole	Polypropylene Screw Cap black, 8.5mm centre hole	Polypropylene Screw Cap black, 8.5mm centre hole	Polypropylene Screw Cap black, 8.5mm centre hole	Polypropylene Screw Cap black, closed top	Polypropylene Screw Cap black, closed top	Polypropylene Screw Cap black, closed top
Septa Material	Nat. Rubber red-orange/TEF transparent	Butyl red/PTFE grey	Silicone cream/PTFE red	Silicone dark blue/PTFE white	PTFE red/Silicone white/PTFE red	Silicone white/PTFE blue, cross-slitted	Nat. Rubber red-orange/TEF transparent	Butyl red/PTFE grey	Silicone cream/PTFE red
Durometer	60° shore A	55° shore A	55° shore A	45° shore A	45° shore A	55° shore A	60° shore A	55° shore A	55° shore A
Thickness	1.3mm	1.3mm	1.5mm	1.3mm	1.0mm	1.5mm	1.3mm	1.3mm	1.5mm

Further Screw Seals ND13 with closed/open top caps are available upon request!







100 pcs. per PE-Bag

19. Screw Neck Vials for Storage Purposes







- Screw Neck Vials for storage purposes made out of 1st hydrol. class glass.
- Vials with different volumes are available.
- Clear and amber Vials.
- Seals with different septa materials.
- Barcode labelling upon request.



19.1 Screw Neck Vials for Storage Purposes

						
Scale 1:2	full-scale s. p. 92	full-scale s. p. 92	full-scale s. p. 91	full-scale s. p. 91	full-scale s. p. 89	full-scale s. p. 89
Art. No.	11 09 0210	11 09 0259	13 09 0222	13 09 0280	15 09 1703 15 09 1774	15 09 1657 15 09 1800
Description	1.5ml Screw Neck Vial, 8-425, 32 x 11.6mm, clear glass, 1 st hydrol. class	1.5ml Screw Neck Vial, 8-425, 32 x 11.6mm, amber glass, 1 st hydrol. class	4ml Screw Neck Vial, 13-425, 45 x 14.7mm, clear glass, 1 st hydrol. class	4ml Screw Neck Vial, 13-425, 45 x 14.7mm, amber glass, 1 st hydrol. class	8ml Screw Neck Vial, 15-425, 61 x 16.6mm, clear/amber glass, 1 st hydrol. class	12ml Screw Neck Vial, 15-425, 66 x 18.5mm, clear/amber glass, 1 st hydrol. class
TFVol. (ml)	1.9	1.9	5	5	8.9	12
UsVol. (ml)	1.5	1.5	4.1	4.1	8	11
MWVol. (µl)	200	200	800	800	1500	1500
Res. Vol. (µl)	<110	<110	<400	<400	800	800
	100 pcs. per PP-Box				100 pcs. per carton	

Scale 1:2
full-scale s. p. 89

						
Art. No.	18 09 1704	20 09 1705	24 09 0589 24 09 0927	24 09 0839 24 09 0923	24 09 0402 24 09 0928	24 09 1089 24 09 1090
Description	16ml Screw Neck Vial, 18-400, 71 x 20.6mm, clear glass, 1 st hydrol. class	20ml Screw Neck Vial, 20-400, 86 x 22.7mm, clear glass, 1 st hydrol. class	20ml Screw Neck Vial, 24-400, 57 x 27.5mm, clear/amber glass, 1 st hydrol. class	30ml Screw Neck Vial, 24-400, 72.5 x 27.5mm, clear/amber glass, 1 st hydrol. class	40ml Screw Neck Vial, 24-400, 95 x 27.5mm, clear/amber glass, 1 st hydrol. class	60ml Screw Neck Vial, 24-400, 140 x 27.5mm, clear/amber glass, 1 st hydrol. class
TFVol. (ml)	17.4	24.5	23.3	31.1	42.9	64.4
UsVol. (ml)	16	23	20	27.4	40	60
MWVol. (µl)	1500	1500	1	1.4	1.4	1.4
Res. Vol. (µl)	800	800	0.5 (ml)	0.7 (ml)	0.7 (ml)	0.7 (ml)
	100 pcs. per carton			100 pcs. per PP-Box		

TFVol. = Total Volume/Filling Volume (ml), UsVol. = Usable Volume (ml), MWVol. = Minimum Working Volume (µl), Res. Vol. = Residual Volume (µl)