1. Crimp Neck ND8

The vials are preferentially used on instruments of the following manufacturers: Agilent, Beckman, Carlo Erba, CTC, Fisons, PerkinElmer, Shimadzu, Thermo Scientific, VWR (Merck®)/Hitachi, etc. (Please have a look at the autosampler compatibility chart on pages 62 – 73 to see on which models they can be used).

Broad selection of Crimp Neck Vials ND8 available:

Crimp Neck Vials and Micro Vials ND8 can be closed with 8mm Aluminum Caps, 9mm PE-Caps or with 8mm Push-On Caps. However, Micro-Vials often need an adapter to run in the autosampler. They often have a conical bottom shape, so that they cannot stand by themselves, but need an adapter.

- with different volumes
- with flat, round or conical bottom
- in clear or amber glass
- for almost all autosamplers

1.1 Crimp Neck Vials and Micro-Vials ND8

RRB080326	RRB080327	RRB080328	RRB080329	RRB080330
0.7ml Crimp Neck Vial, 40 x 7mm, clear glass, 1st hydrol. class	0.7ml Crimp Neck Vial, 40 x 7mm, amber glass, 1st hydrol. class	0.8ml Crimp Neck Vial, 30 x 8.2mm, clear glass, 1st hydrol. class	1.2ml Crimp Neck Vial, 40 x 8.2mm, clear glass, 1st hydrol. class	1.2ml Crimp Neck Vial, 40 x 8.2mm, amber glass, 1st hydrol. class
R. vol. < 11 µl	R. vol. < 11 µl	R. vol. < 11 µl	R. vol. < 20 µl	R. vol. < 20 µl
10 x 100 pcs. per PP-Box		100 pcs. per PP-Box		

RRB080331	RRB080332	RRB080334	RRB080317	RRB080333
0.3ml Micro-Vial, 31.5 x 5.5mm, clear glass, 1st hydrol. class, round bottom	0.2ml Micro-Vial, 31.5 x 5.5mm, clear glass, 1st hydrol. class, conical	0.7ml Micro-Vial, 40 x 7mm, clear glass, 1st hydrol. class, conical	0.7ml Micro-Vial, 40 x 7mm, amber glass, 1st hydrol. class, conical	0.4ml Micro-Vial, 30 x 7mm, amber glass, 1st hydrol. class, conical
R. vol. < 6 µl	R. vol. < 3 µl	R. vol. < 3 µl	R. vol. < 3 µl	R. vol. < 3 µl
10 x 100 pcs. per PP-Box				

1.2 Aluminum Crimp Seals ND8

1.2.1 Natural Rubber/TEF and RedRubber/PTFE Seals

- Temperature resistant from -40°C up to 120°C for Natural Rubber resp. up to 160°C for RedRubber.
- Natural Rubber harder to penetrate with more fragmentation during penetration than RedRubber.
- Natural Rubber ideal for multiple injections due to high resealability, but not as clean as the synthetic RedRubber.



Art. No.	BVB080335	BVB080438	BVB080727
Cap	Aluminum Cap clear lacquered, 4mm centre hole		
Septa	Nat. Rubber red-orange/TEF transparent	RedRubber/PTFE transparent	RedRubber/PTFE beige
Durometer	60° shore A	45° shore A	45° shore A
Thickness	1,0mm	1,0mm	1,0mm
100 pcs. per PE-Bag			

1.2.2 Silicone/PTFE Seals

- Temperature resistant from -60° C to 200° C
- Preferably only for single injections
- Different hardnesses to meet the respective needle types
- Silicone septa coated on both sides for low particle formation during penetration
- Cleaner than Natural Rubber or as RedRubber




Art. No.	BVB080324	BVB080753	BVB080522	BVB080523
Cap	Aluminum Cap clear lacquered, 4mm centre hole			
Septa	Silicone white/ PTFE red	Silicone cream/ PTFE red	PTFE red/Silicone white/PTFE red	Silicone white/ PTFE red, with slit
Durometer	45° shore A	55° shore A	45° shore A	45° shore A
Thickness	1,0mm	1,5mm	1,0mm	1,3mm
100 pcs. per PE-Bag				

1.2.3 Other Crimp Seals

- PTFE is very inert and temperature resistant, however, problems with leakage due to the inflexibility and thinness of the material
- Only for single injections for non-critical HPLC analysis
- Viton is resistant to a variety of corrosive organic substances; temperature resistant from -40°C to 240°C, main application in the petrochemical industry




Art. No.	SCB081245	BVB080754	BVB080546	BVB080547
Cap	PE Push-On Cap, blue	Aluminum Cap clear lacquered, 4mm centre hole		
Septa	with thinned penetration point	PTFE virginal	Viton black	Viton black
Durometer		53° shore A	70° shore A	70° shore A
Thickness		0,25mm	1,0mm	1,5mm
100 pcs. per PE-Bag				

Further Crimp Seals ND8 or Combination Seals for Crimp Neck ND8 are available upon request!