

Headspace vials ND20

All vials are made of borosilicate glass of the 1. hydrolytical class.

Headspace vials are differentiating in the following features:

- Volume
- Rounded or flat bottom
 - A rounded bottom is more solid during tempering at high insided pressure. The bottle furthermore slides easier into the heating block, if she is inserted by the use of magnets.
 - A flat bottom can be needed, if the vials have to run down minimal in the device.
- Bevelled headspace rim resp. flat DIN beaded rim
 - A bevelled headspace rim can be required for some special closure systems (Perkin Elmer).
 - However, a sealing shim has more seating on a flat DIN beaded rim.
- Neck length (depending on the device)
- Clear/amber glass
- With/without inscription pad and filling mark

Version	Volume ml	Height x Ø mm	Order No.	PU pc/Pack
① Clear glass, bottom rounded	5.0	38.2 x 22	10 01 70788	100
② Clear glass, bottom rounded	10.0	46 x 22.5	10 01 70789	100
③ Amber glass, bottom rounded	10.0	46 x 22.5	10 01 70790	100
④ Clear glass, flat bottom	10.0	46 x 22.5	10 01 70791	100
⑤ Clear glass, bottom rounded	20.0	75.5 x 22.5	10 01 70792	100
⑥ Amber glass, bottom rounded	20.0	75.5 x 22.5	10 01 70793	100
⑦ Clear glass, bottom rounded, with labelling area	20.0	75.5 x 22.5	10 01 70794	100
⑧ Clear glass, flat bottom	20.0	75.5 x 22.5	10 01 70795	100
⑨ Clear glass, bottom rounded	20.0	75.5 x 22.5	10 01 70796	100
⑩ Amber glass, bottom rounded	20.0	75.5 x 22.5	10 01 70797	100

Headspace caps ND20

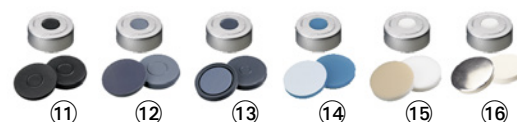
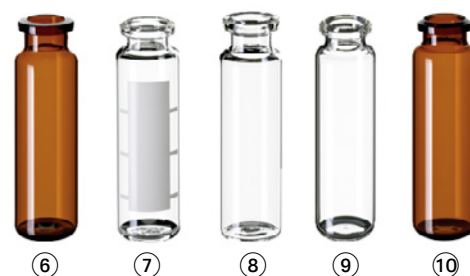
Colourless lacquered, with overpressure protection. Caps with different septa.

Septum	Shore hard- ness	Thickness mm	Order No.	PU pc/Pack
⑪ Butyl dark blue	50° shore A	3.0	10 01 70811	100
⑫ Butyl/PTFE grey	50° shore A	3.0	10 01 70816	100
⑬ Pharma-Fix butyl/PTFE	50° shore A	3.0	10 01 70821	100
⑭ Silicone blue transp./PTFE transp.	45° shore A	3.0	10 01 70826	100
⑮ Silicone white/PTFE beige	45° shore A	3.2	10 01 70832	100
⑯ Silicone white/aluminium foil silver	50° shore A	3.0	10 01 70834	100

Crimp vials ND 20

Crimp vials for CG and HPLC, made of borosilicate glass of hydrolytic class 1.

Version	Volume ml	Height x Ø mm	Order No.	PU pc/Pack
⑰ Clear glass, flat bottom	5.0	38 x 20	10 01 70798	100
⑱ Clear glass, flat bottom	10.0	54.5 x 20	10 01 70799	100
⑲ Clear glass, flat bottom	50.0	101 x 31	10 01 70800	100



Crimping seals ND20

Crimping seals with different septa.

Article	Co- lour	Hole Ø mm	Septum	Shore hardness	Thick- ness mm	Order No.	PU pc/ Pack
⑳ Aluminium crimping seal	silver	10	butyl dark grey	50° shore A	3.0	10 01 70810	100
㉑ Middle tear-off seal	silver	–	butyl dark grey	50° shore A	3.0	10 01 70813	100
㉒ 360° tear-off cap	silver	–	butyl dark grey	50° shore A	3.0	10 01 70814	100
㉓ Aluminium crimping seal	silver	10	butyl/PTFE grey	50° shore A	3.0	10 01 70815	100
㉔ Magnetic crimping seal	gold	8	butyl/PTFE grey	50° shore A	3.0	10 01 70817	100
㉕ Middle tear-off seal	silver	–	butyl/PTFE grey	50° shore A	3.0	10 01 70818	100
㉖ 360° tear-off cap	silver	–	butyl/PTFE grey	50° shore A	3.0	10 01 70819	100
㉗ Aluminium crimping seal	silver	10	Pharma-Fix butyl/ PTFE	50° shore A	3.0	10 01 70820	100
㉘ Magnetic crimping seal	gold	8	Pharma-Fix butyl/ PTFE	50° shore A	3.0	10 01 70822	100
㉙ 360° tear-off cap	silver	–	Pharma-Fix butyl/ PTFE	50° shore A	3.0	10 01 70824	100
㉚ Aluminium crimping seal	silver	10	silicone blue transp./ PTFE transp.	45° shore A	3.0	10 01 70825	100
㉛ Magnetic crimping seal	gold	5	silicone blue transp./ PTFE transp.	45° shore A	3.2	10 01 70827	100
㉜ 360° tear-off cap	silver	–	silicone blue transp./ PTFE transp.	45° shore A	3.0	10 01 70830	100
㉝ Aluminium crimping seal	silver	10	silicone white/ PTFE beige	45° shore A	3.2	10 01 70831	100
㉞ Aluminium crimping seal	silver	10	silicone white/ aluminium foil silver	50° shore A	3.2	10 01 70833	100

