LLG - Cap types

Aluminum Crimp Caps, centre hole



Special Aluminum Crimp Caps

	9					
Size	11 mm	13 mm	13 mm	20 mm	20 mm	20 mm
Type of Cap Material Lacqer Special features	Centre hole Cap Aluminum cear with roll grove	Centre Tear Off Cap Aluminum clear, red, blue, green, gold	Complete Tear Off Cap Aluminum clear, red, blue, green, gold	Centre Tear Off Cap Aluminum clear, red, blue, green, gold	Complete Tear Off Cap Aluminum clear, red, blue, green, gold	Headspace Cap* Aluminum clear

Headspace Cap:* This cap has the function of a pressure release cap and is designed with special scorelines whose bridges break open at an internal vial pressure of 3.0 ± 0.5 bar to let the excess pressure escape. It is comparable with the three component PerkinElmer Headspace Closure (Aluminum Crimp Cap with slits, metal star washer, liner with ears) which offers the same effect with a different technical design.

Magnetic Caps, centre hole

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Size	9 mm Screw Cap	11 mm Crimp Cap	20 mm Crimp Cap	20 mm Crimp Cap	20 mm Bimetal Crimp Cap	18 mm Screw Cap	18 mm Screw Cap
Size centre hole Application Material Lacquer	6 mm centre hole (GC) PP Screw Cap blue/ magn. overcap gold GC PAL Thermo Scientific TriPlus	5 mm centre hole (GC) magnetic gold GC PAL, Thermo Scientific Tri Plus	5 mm centre hole (HS) magnetic gold CE HS250/500/HS800, CTC 500 Fisons HS250/500 HS800	8 mm centre hole (HS) magnetic Gold CTC Combi PAL	8 mm centre hole (HS) Alu/magnetic red CTC Combi PAL	8 mm centre hole (Universal) (Headspace/SPME) magnetic silver CTC Combi PAL PerkinElmer Agilent G1888A	Closed top Universal Screw Cap silver

PE-Caps for Crimp Necks

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Size	8 mm	9 mm	11 mm	13 mm	22 mm	22 mm
Approp. Vial Size Cap	For Crimp Neck ND8	For Crimp Neck ND8	For Crimp Neck and Snap Ring ND11	For Crimp Neck ND11	For HS Neck ND20	For Crimp Neck ND20
Size centre hole Material, colour	8 mm with thinned penetration point	9 x 5.9 mm 4 mm centre hole	11 mm with thinned penetration point	13 x 7.5 mm 4.5 mm centre hole	22 x 8.4 mm 4.3 mm centre hole	22 x 9.1 mm 4.3 centre hole or 6 mm centre hole
	PE, blue	PE, transparent	PE, blue	PE, transparent	PE, transparent Only for bevelled tops	PE, transparent only for flat DIN Crimp Necks!

The drawings of the caps are not actual size. They should only visualize the special features of certain types of caps.

LLG - Cap types

Screw Caps

	8	9	9	8
Size	8 mm	9 mm	10 mm	13 mm
Approp. Vial Thread Cap Design Size centre hole Material, colour	Screw Neck Vials ND8 8-425 thread Closed or open top 5.5 mm centre hole PP, black or white	Short Thread Vials ND9 short thread, Closed or open top 6 mm centre hole PP, black, transparent, blue, red, yellow, green	Screw Neck Vials ND10 10-425 thread, Closed or open top 7 mm centre hole PP, black	Screw Neck Vials ND12 13-425 thread, Closed or open top 8.5 mm centre hole PP, black, white
				9
Size	15 mm	18 mm	20 mm	24 mm
Approp. Vial Thread Cap Design Size centre hole Material, colour	Screw Neck Vials ND15 15-425 thread, Closed or open top, 9 mm centre hole PP, black, white	Screw Neck Vials ND18 18-400 thread, Closed or open top 12 mm centre hole PP, black	Screw Neck Vials ND20 20-400 thread, Closed or open top, PP, white	Screw Neck Vials ND24 24-400 thread, Closed or open top 12.5 mm centre hole PP, white

PE-Plugs for Shell Vials

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Size	8 mm	8 mm	8 mm	8 mm	12 mm	15 mm
Vial/Plug combination	Plug	Plug	Plug	Plug	Plug	Plug
Plug Size Material, colour Special Features	6 mm PE, transparent	8 mm PE, blue	8 mm PE, transparent wth insertion barrier for Micro-Inserts	8 mm PE, transparent without insertion barrier for Micro-Inserts	12 mm PE, transparent	15 mm PE, transparent

Snap Ring Caps

Size	11 mm
Approp. Vial Cap Design Size centre hole Material Colour	Snap Ring Vials ND11 open top 6 mm centre hole PE transparent*, blue*, red, yellow, green

Snap Caps

Size	18 mm	22 mm	28 mm
Approp. Vial Cap Design Size Cap Material Colour	Snap Cap Vials ND18 closed top 19.8 x 5.2 mm PE transparent	Snap Cap Vials ND22 closed top 23.5 x 5.5 mm PE transparent	Snap Cap Vials ND28 closed top 29.7 x 5.6 mm PE transparent

- available as a hard or soft PE Caps
- Hard Cap: tighter, but not so easy to push on or to remove
 Soft Cap: convenient in handling, but not as tight

The drawings of the caps are not actual size. They should only visualize the special features of certain types of caps.

Product Information – Sample Requests – Price Enquiries? Our Customer Service Team is always at your disposal for further questions.