



DURAN® RANGE OF GL THREADED SCREW CAPS AND CLOSURES




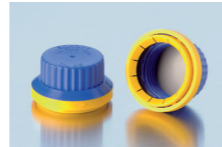
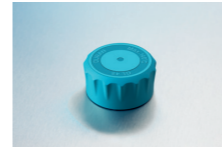



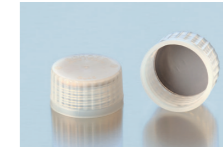


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 **DURAN
WHEATON
KIMBLE**
Excellence in your hands

Name	DURAN® Original GL Laboratory Bottle Cap	DURAN® GL Membrane Vented Cap	DURAN® GL Tamper Evident Cap	DURAN® GL Tamper Evident Cap	DURAN® GL 45 YOUTILITY Cap	DURAN® TILT GL 56 Cap	DURAN® GL PBT Cap	DURAN® GL PBT Open Topped (Aperture) Cap	DURAN® GL PREMIUM Cap	
										
Description	Excellent general purpose cap. Autoclavable. Good chemical resistance. Colour choice.	Venting membrane. Safe autoclaving. Sterile storage of liquids.	Tamper evident cap. Liner less sealing. Autoclavable.	Tamper evident cap. Reliable liner sealing. Autoclavable.	Ergonomic shape. Autoclavable. Faster thread GL 45 compatible.	Ergonomic shape. Autoclavable.	High temperature and chemical resistance. Autoclavable. Reliable sealing.	Excellent temperature and chemical resistance. Autoclavable. Open topped for septa or connectors.	High purity and performance. Autoclavable. Uncoloured for biopharmaceutical processing.	
Materials of Construction	Polypropylene + colour	Polypropylene + colour + PTFE membrane	Polypropylene + colour	Polypropylene + colour (PTFE / silicone cap liner)	Polypropylene + colour	Polypropylene + colour	Polybutylene terephthalate (PBT) + 30 % glass fibre + colour (PTFE / silicone cap liner)	Polybutylene terephthalate (PBT) + 30 % glass fibre + colour	Uncoloured Perfluoroalkoxy alkanes (PFA / Tpch260) (PTFE / silicone cap liner)	
Available Colours	Blue / Yellow / Green or Grey	Blue	Blue and red	Blue and yellow	Cyan	White	Red	Red	Translucent	
Type of Seal	Plug seal / Liner less	Plug seal / Liner less	Plug seal / Liner less	Cap liner	Plug seal / Liner less	Plug seal / Liner less	Cap liner	Not applicable – open topped	Cap liner	
Maximum Temperature	+140 °C	+140 °C	+140 °C	+140 °C	+140 °C	+140 °C	+180 °C	+180 °C	+200 °C	
Minimum Temperature	-40 °C	-40 °C	-40 °C	-40 °C	-40 °C	-40 °C	-45 °C	-45 °C	-196 °C	
Available GL Thread Sizes (acc. DIN 168-1 (1998-04))	25, 32 and 45	25, 32 and 45	45	45	45	56	14, 18, 25, 32 and 45	14, 18, 25, 32 and 45	25 and 45	
Safe for Food Contact (E.g. FDA & EU)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Pharmacopoeia Compliant (USP / EP)	No	No	No	No	No	No	No (Cap liner – Yes EP)	No	Yes (Cap body – USP <87> Class VI (121 °C)) (Cap liner – EP)	
Lot Specific Retrace Code	No	No	No	No	Yes	Yes	No	No	Yes	
Matching Pouring Ring	Yes, GL 32 and GL 45 only Polypropylene + colour (Blue / Yellow / Green or Grey)	Yes, GL 45 only Polypropylene + colour (Blue)	Yes, GL 45 only Polypropylene + colour (Blue)	Yes, GL 45 only Polypropylene + colour (Blue)	Yes, GL 45 only Polypropylene + colour (Cyan)	None	Yes, for GL 32 and GL 45 only red ETFE	Yes, for GL 32 and GL 45 only red ETFE	Yes, for GL 45 only PFA Translucent	
GL 14	-	-	-	-	-	-	● 29 240 08 06	● 29 227 05 08	-	
GL 18	-	-	-	-	-	-	● 29 240 11 08	● 29 227 06 02	-	
GL 25	● 29 239 13 07	● 29 118 13 07	-	-	-	-	● 29 240 13 05	● 29 227 09 02	● 11 296 00	
GL 32	Cap ● 29 239 19 07	Pouring ring ● 29 242 19 07	Cap ● 29 118 19 07	Pouring ring ● 29 242 19 07	-	-	Cap ● 29 240 19 05	Pouring ring ● 29 244 19 09	● 29 227 08 08	
GL 45	Cap ● 29 239 28 09 ● 29 338 28 02 ● 29 338 28 68 ● 29 338 28 84	Pouring ring ● 29 242 28 09 ● 10 899 17 ● 10 899 11 ● 10 899 14	Cap ● 29 118 28 09	Pouring ring ● 29 242 28 09	Cap ● 10 175 26	Pouring ring ● 29 242 28 09	Cap ● 11 558 86	Pouring ring ● 29 242 28 09	● 29 229 28 02	● 29 241 28 08
GL 56	-	○ 29 118 56 09	-	-	-	-	○ 29 229 56 02	-	-	