

PART OF THE **DURAN®** BOTTLE SYSTEM

NEW: DURAN® GL 45 CONNECTION CAP WITH 2, 3, 4, OR 5 STAINLESS STEEL CONNECTORS FOR NARROW TUBING

The reusable DURAN® GL 45 Connection Cap is ideal for **aseptic fluid transfer** into or out of DURAN® bottles using peristaltic pump tubing. The screw caps will fit all DURAN® Original GL 45 laboratory bottles 100 mL and larger. The barbed tubing connectors (4.2 mm outer diameter) accept **narrow PBT peristaltic pump tubing** with a 3.2 mm (1/8") inner diameter.

FEATURES & BENEFITS

- **Versatile** choice of 2, 3, 4, or 5 stainless steel (316L) **tubing connectors**
- **Flexibility** with connectors for internal drop tubes
- Manufactured from **hygienic, chemically resistant materials**
- **Sterilizable / autoclavable** at +121 °C for 20 minutes
- **High temperature resistance** up to +180 °C
- **Reliable leak-resistant sealing** with fluoroelastomer O-Rings
- Construction materials certified **as food contact safe**
- **Tangle-free tubes** with the PTFE center freely rotates
- Robust and reusable with a **long service life**



PERISTALTIC PUMPING – WHAT IS THAT?

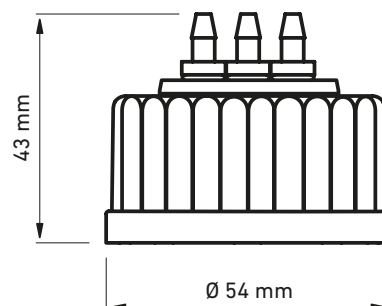
Peristaltic pumps use flexible tubing that run through rollers in the pump head. Peristaltic pumps confine the media inside the tubing, so that the liquid cannot contaminate the pump, and the pump cannot contaminate the liquid. This means that this method of pumping liquids is particularly suitable for use in high purity applications. The gentle, low shear pumping action is ideal for handling suspensions of cells or large biomolecules in the laboratory.

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WITH 2, 3, 4, OR 5 STAINLESS STEEL CONNECTORS FOR NARROW TUBING

APPLICATION AREAS

- Sample collection
- Bioreactor feeds
- Buffer and media addition
- Peristaltic pumping of fluids
- Perfusion circuit for cell culture
- Use in a chemistry micro-reactor
- Oxygenation or aeration of samples



ORDERING INFORMATION

Description	Pack Unit	Cat. No.
DURAN® GL 45 Connection Cap with red PBT screw cap, PTFE insert with 2-connectors (stainless steel)	1	29 263 28 06
DURAN® GL 45 Connection Cap with red PBT screw cap, PTFE insert with 3-connectors (stainless steel)	1	29 264 28 07
DURAN® GL 45 Connection Cap with red PBT screw cap, PTFE insert with 4-connectors (stainless steel)	1	29 265 28 08
DURAN® GL 45 Connection Cap with red PBT screw cap, PTFE insert with 5-connectors (stainless steel)	1	29 266 28 09



Discover our wide range of borosilicate glass 3.3 laboratory bottles in different sizes, with closures, liquid transfer caps and accessories.



Explore more:
www.duran-bottle-system.com



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