

Membrane caps

DURAN® Membrane caps, GL45



Cat.No.	Description	Units/ box	€/box
090386	Membrane cap, GL45	5	NC -
096113	Membrane cap, GL32	5	NC -
096115B	Membrane cap, GL56	4	NC -

See caps with tamper-evident ring on dulis.nl



Threaded cap with porous membrane withstanding both pressure and vacuum of 0.1 bar.

- ▶ Thread : GL45, GL32 or GL25
- ▶ PP cap with PTFE membrane filter 0.2 µm
- ▶ Maximum operating temperature : 140 °C
- ▶ Ideal for frequent use in autoclaves
- ▶ Permeable and simultaneously airtight
- ▶ Eliminates handling and cap closure problems during autoclaving
- ▶ PTFE (polytetrafluoroethylene) film welded in the middle of the blue threaded cap allows extremely fast pressure compensation between the product in the glass and its environment
- ▶ Gas-permeable, vacuum or overpressure film, but liquid-tight
- ▶ Reduction of the risk of overpressure when packaging and storing gas-forming liquids

DURAN® Membrane cap, GLS80



- ▶ Blue polypropylene
- ▶ PTFE membrane 0.2 µm
- ▶ Ideal for autoclaving to ensure a seal while balancing pressure
- ▶ Reduces the risk of contamination

Cat. No.	Description	Units/ box	€/box
096116	Cap GLS80, outer Ø x H (mm) : 87 x 40	2	NC -
091832	Pouring ring GLS 80 in blue PP	10	NC -

Pyrex® Vented cap



- ▶ With 0.2 µm PTFE membrane
- ▶ GL45 thread
- ▶ Suitable for autoclaving and processes that require pressure compensation
- ▶ Permeable to gases but not to liquids

Cat. No.	Description	Units/ box	€/box
002020	Screw cap with PTFE membrane	5	NC -

Transfer caps

DURAN® Caps, GL45 with tubing connection

Assembly system to be assembled as required, for safe and sterile transfer of liquids.



- ▶ Possibility of working with 2, 3 or 4 GL14 tubing
- ▶ Adaptable to different tubing diameters
- ▶ The elements are compatible with each other
- ▶ Possibility of adding a sterile 0.2 µm membrane filter
- ▶ For use with classic DURAN® bottles
- ▶ For total optimization: use vacuum and pressure resistant HPLC bottles with 4-port caps: one sterile filter port and 3 tubing ports

Cat.No.	Description	Units/ box	€/box
091390	Complete HPLC pressure bottle set with 4-port screw cap 1000 ml	2	NC -
091391	Complete HPLC pressure bottle set with 4-port screw cap 500 ml	2	NC -
091392	Kit : 4-port screw cap, GL45 + 4 rings 1.6 mm Ø + 4 rings 3.2 mm Ø + 4 seals + 4 black caps	2	NC -
091393	Spare set: 4 rings 1.6 mm Ø + 4 rings 3.2 mm Ø + 4 seals + 4 black caps	1	NC -

Cat.No.	Description	Units/ box	€/box
091380	Screw cap GL45, 2 ports GL14	2	NC -
091381	Screw cap GL45, 3 ports GL14	2	NC -
091382	Screw cap GL14, blue, for tube connection	2	NC -
091395	Screw cap GL14, red, closed	10	NC -
091383	Insert GL14 for 1.6 mm tubing	1	NC -
091384	Insert GL14 for 3.0 mm tubing	1	NC -
091385	Insert GL14 for 3.2 mm tubing	1	NC -
091386	Insert for screw cap GL14 for 6.0 mm	1	NC -
091387	Pressure equalization set for 2 and 3 port screw cap, incl. 0.2 µm membrane filter	1	NC -
091388	Pressure equalization set for 4 port screw cap, incl. 0.2 µm membrane filter	1	NC -
091389	Spare membrane filter for pressure equalization. 0.2 µm	2	NC -