



**DURAN
WHEATON
KIMBLE**

Excellence in your hands

DURAN® **NEW** GL 25 AND GL 45 BROMOBUTYL RUBBER STOPPERS FOR EFFECTIVE SEALING

FEATURES

- Stopper shape, and material properties optimized to fit: 10 and 25 ml DURAN® GL 25 bottles, and DURAN® GL 45 bottles with sizes from 100 to 20,000 ml.
- **Low permeability** to air, gases and moisture.
- Manufactured from a **high purity bromobutyl rubber elastomer**.
- Elastic material for **effective sealing and reliable re-sealing** after needle piercing.
- Central needle piercing area indicated by mouled-in marks.
- Wide usable **temperature range: -50 to +121 °C**.
- Suitable for autoclaving / steam sterilizing at 121 °C for 20 minutes.
- Use with the **DURAN® GL 25 / GL 45 open topped / aperture screw cap** for extra security*.



BROMOBUTYL RUBBER – WHAT IS THAT?

Bromobutyl rubber is essentially impermeable to most gases, and provides a controlled environment inside the glass bottle for oxygen sensitive materials. Useful for maintaining anaerobic culture conditions. Bromobutyl rubber allows for multiple punctures providing easy access to the contents with a syringe.

DURAN® GL 25 AND GL 45 BROMOBUTYL RUBBER STOPPERS

TRUSTED QUALITY

- Conforms to **USP <381>** and **EP 3.2.9 Type I closure** for chemical and penetration tests.
- Material is virtually **free of organics** that might leach into the incubation medium.



APPLICATIONS

- Culture of **anaerobic microorganisms** (pressure resistant bottles recommended)
- Storage of **anaerobic culture media** (amber glass bottles recommended)
- Aerobic **methane oxidation (MOx)** research
- Storage of **oxygen** or **moisture sensitive** materials
- Applications requiring **gas purging** or **sample transfer** via a syringe

ORDERING INFORMATION

Description	Pack unit [pieces]	Cat. No.
NEW DURAN® Rubber Stopper for GL 25 laboratory bottles, straight plug, Grey Bromobutyl	10	29 206 13 01
NEW DURAN® Screw Cap GL 25 PBT red open topped with 15 mm central aperture	10	29 227 09 02
DURAN® Rubber Stopper for GL 45 laboratory bottles, straight plug, Grey Bromobutyl	10	29 206 28 03
DURAN® Screw Cap GL 45 PBT red open topped with 34 mm central aperture	10	29 227 10 07

Compatible products

Description	Pack unit	Cat. No.
DURAN® Laboratory Bottle, 10 ml, GL 25, clear	10	21 801 08 02
DURAN® Laboratory Bottle, 25 ml, GL 25, clear	10	21 801 14 04
DURAN® pressure plus+ Laboratory Bottle, GL 45, clear glass, 100 ml	10	21 810 24 06
DURAN® pressure plus+ Laboratory Bottle, GL 45, clear glass, 250 ml	10	10 922 34
DURAN® pressure plus+ Laboratory Bottle, GL 45, clear glass, 500 ml	10	10 922 35
DURAN® pressure plus+ Laboratory Bottle, GL 45, clear glass, 1000 ml	10	21 810 54 03
DURAN® pressure plus+ Laboratory Bottle, GL 45, amber glass, 100 ml	10	21 816 24 03
DURAN® pressure plus+ Laboratory Bottle, GL 45, amber glass, 250 ml	10	10 943 67
DURAN® pressure plus+ Laboratory Bottle, GL 45, amber glass, 500 ml	10	10 943 68
DURAN® pressure plus+ Laboratory Bottle, GL 45, amber glass, 1000 ml	10	21 816 54 09

* Standard DURAN® original GL 25 and GL 45 lab bottles are not pressure resistant. If build up in pressure is anticipated, it is recommended to use the stopper without the GL25 / GL45 red open top cap. The use of pressure resistant bottles such as DURAN® pressure plus+ should be considered.

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