



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®GL25 bottles, and DURAN®GL45 bottles with sizes from 100 to 20,000ml.
- 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 moulded-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®GL25/ 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®RubberStopper for GL25 laboratory bottles, straight plug, GreyBromobutyl	10	29 206 13 01
NEW DURAN®ScrewCap GL 25 PBT red open topped with 15 mm central aperture	10	29 227 09 02
DURAN®RubberStopper for GL45 laboratory bottles, straight plug, GreyBromobutyl	10	29 206 28 03
DURAN®ScrewCap GL45 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, GL25, clear	10	21 801 08 02
DURAN®Laboratory Bottle, 25 ml, GL25, clear	10	21 801 14 04
DURAN®pressureplus+ Laboratory Bottle, GL45, clear glass, 100 ml	10	21 810 24 06
DURAN®pressureplus+ Laboratory Bottle, GL45, clear glass, 250 ml	10	10 922 34
DURAN®pressureplus+ Laboratory Bottle, GL45, clear glass, 500 ml	10	10 922 35
DURAN®pressureplus+ Laboratory Bottle, GL45, clear glass, 1000 ml	10	21 810 54 03
DURAN®pressureplus+ Laboratory Bottle, GL45, amber glass, 100 ml	10	21 816 24 03
DURAN®pressureplus+ Laboratory Bottle, GL45, amber glass, 250 ml	10	10 943 67
DURAN®pressureplus+ Laboratory Bottle, GL45, amber glass, 500 ml	10	10 943 68
DURAN®pressureplus+ Laboratory Bottle, GL45, amber glass, 1000 ml	10	21 816 54 09

* Standard DURAN®original GL25 and GL45 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®pressureplus+ should be considered.

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