



**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®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.     |
|---|--------------------|--------------|
| <b>NEW</b> DURAN®RubberStopper for GL25 laboratory bottles, straight plug, GreyBromobutyl | 10                 | 29 206 13 01 |
| <b>NEW</b> DURAN®ScrewCap GL25 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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