

DURAN®

GL 45 BROMOBUTYL
RUBBER STOPPER



**DURAN
WHEATON
KIMBLE**

Excellence in your hands

DURAN® GL 45 BROMOBUTYL RUBBER STOPPER

DURAN® bromobutyl rubber closure provide a gas tight seal for all GL 45 laboratory bottles. Bromobutyl rubber is essentially impermeable to most gasses, and provides a controlled environment inside the glass bottle for oxygen sensitive materials. Useful for maintaining anaerobic culture conditions. Butyl rubber allows for multiple punctures providing easy access to the contents with a syringe.

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 sensitive materials
- Applications requiring gas purging or sample transfer via a syringe



Features

- Stopper shape, and material properties optimised to fit 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.
- Conforms to 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.
- Elastic material for effective sealing and reliable self-sealing after needle piercing.
- Upper surface features seven numbered hemispherical impressions for needle-piercing.
- Wide usable temperature range: -50 to +121 °C.
- Suitable for autoclaving / steam sterilising at 121 °C for 20 minutes.
- Use with the DURAN® GL 45 open topped / aperture screw cap for extra security*.

Ordering information

	Cat. No.	Description	Pack Unit
NEW	29 206 28 03	DURAN® Rubber Stopper for GL 45 laboratory bottles, straight plug, Grey Bromobutyl	10
	29 227 10 07	DURAN® Screw Cap GL 45 PBT red with 34 mm central aperture	10

Compatible products

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

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



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