

DURAN® LABORATORY BOTTLE PRESSURE PLUS+ GL 45

SAFER WORKING WITH VACUUM OR PRESSURE



**DURAN
WHEATON
KIMBLE**

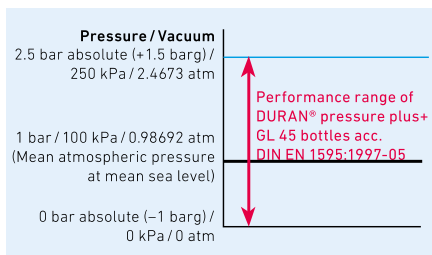
Excellence in your hands

DURAN® LABORATORY BOTTLE PRESSURE PLUS+ GL 45

The DURAN® pressure plus+ GL 45 bottles offer a safer option for laboratory applications involving vacuum or pressure. Standard glass laboratory bottles are not designed to safely withstand pressure differentials. As a result of a modified geometry, the pressure plus+ bottles have a guaranteed pressure-resistance, and consequently offer optimal safety for both the user and contents. Three versions of the pressure plus+ bottles are available; clear DURAN® glass with or without a protect plastic safety coating, and amber DURAN® glass for protection against ultraviolet light degradation.

Applications

- Vacuum filtration
- Collection of samples under pressure
- Storage of volatile solvents
- Storage of gas generating materials



Features

- Manufactured from DURAN® borosilicate 3.3 glass, renowned for its excellent thermal performance and high resistance to chemical attack.
- Available in four convenient sizes: 100, 250, 500 and 1000 mL.
- Vacuum resistance guaranteed to 1 bar vacuum.
- Pressure resistance guaranteed to + 1.5 bar gauge.
- The pressure plus+ bottles are certified by the German Technical Inspection Association (TÜV) in accordance with DIN EN 1595:1997-05.
- DURAN® laboratory bottle pressure plus+ features the industry standard GL 45 DIN thread.
- Blue ceramic printing clearly distinguish pressure plus+ from the DURAN® original GL 45 laboratory bottles.
- Bottles are fully autoclavable and sterilizable.
- The ambered glass meets UV light protection limits as specified in the current revisions of the USP <660> and EP 3.2.1.
- Protect coated version offers protection for the user and contents in the event of breakage due to impact.
- The special geometry still conforms to ISO 4796-1:2016 to maintain instrument compatibility.
- Manufacturing traceability is offered through a lot specific Retrace Code printed on the bottle

Note: When pressure loaded the following apply: thermal shock resistance 30 K and maximum usage temperature is +140 °C.

Ordering information

Description	Capacity (mL)	h (mm)	d (mm)	Pack Unit	Cat. No.
Clear					
NEW DURAN® laboratory bottle pressure plus+ GL 45, clear	100	100	56	10	21 810 24 06
DURAN® laboratory bottle pressure plus+ GL 45, clear	250	138	70	10	10 922 34
DURAN® laboratory bottle pressure plus+ GL 45, clear	500	176	86	10	10 922 35
DURAN® laboratory bottle pressure plus+ GL 45, clear	1000	225	101	10	21 810 54 03
Clear with Protect (plastic safety coated)					
NEW DURAN® laboratory bottle pressure plus+ protect GL 45, clear	100	100	56	10	21 815 24 02
DURAN® laboratory bottle pressure plus+ protect GL 45, clear	250	138	70	10	11 759 25
DURAN® laboratory bottle pressure plus+ protect GL 45, clear	500	176	86	10	11 759 26
NEW DURAN® laboratory bottle pressure plus+ protect GL 45, clear	1000	225	101	10	21 815 54 08
Amber					
NEW DURAN® laboratory bottle pressure plus+ GL 45, amber	100	100	56	10	21 816 24 03
DURAN® laboratory bottle pressure plus+ GL 45, amber	250	138	70	10	10 943 67
DURAN® laboratory bottle pressure plus+ GL 45, amber	500	176	86	10	10 943 68
DURAN® laboratory bottle pressure plus+ GL 45, amber	1000	225	101	10	21 816 54

Optional accessories

Description	Pack Unit	Cat. No.
DURAN® screw cap, PBT, red, GL 45 with PTFE faced cap liner	10	29 240 28 07
DURAN® pouring ring, ETFE, red, GL 45	10	29 244 28 02

These products are available from your specialist laboratory dealer.



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