

PART OF THE **DURAN®** BOTTLE SYSTEM

STRONGER

DURAN® PRESSURE PLUS+ LABORATORY BOTTLE

Safer working with
vacuum or pressure



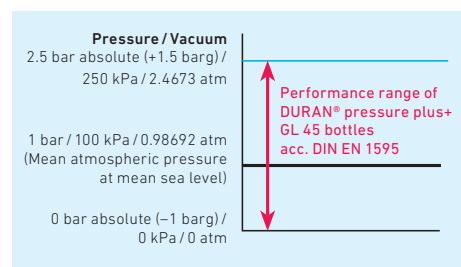
DWK LIFE SCIENCES
DURAN WHEATON KIMBLE

DURAN® PRESSURE PLUS+ LABORATORY BOTTLE 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.
- 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 glass						
DURAN® pressure plus+ Laboratory Bottle, GL 45, supplied as bottle only, no cap	100	100	56	10	21 810 24 06	NEW
	250	138	70	10	10 922 34	
	500	176	86	10	10 922 35	
	1000	225	101	10	21 810 54 03	
Clear glass with protect (plastic safety coated)						
DURAN® pressure plus+ Laboratory Bottle, GL 45, protect, supplied as bottle only, no cap	100	100	56	10	21 815 24 02	NEW
	250	138	70	10	11 759 25	
	500	176	86	10	11 759 26	
	1000	225	101	10	21 815 54 08	NEW
Amber glass						
DURAN® pressure plus+ Laboratory Bottle, GL 45, amber, supplied as bottle only, no cap	100	100	56	10	21 816 24 03	NEW
	250	138	70	10	10 943 67	
	500	176	86	10	10 943 68	
	1000	225	101	10	21 816 54	

Optional accessories

Description	Pack Unit	Cat. No.
DURAN® High Temperature Screw Cap, GL 45, PBT (red), with PTFE silicone cap liner	10	29 240 28 07
DURAN® High Temperature Pouring ring, GL 45, ETFE	10	29 244 28 02

These products are available from your specialist laboratory dealer.

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