

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.

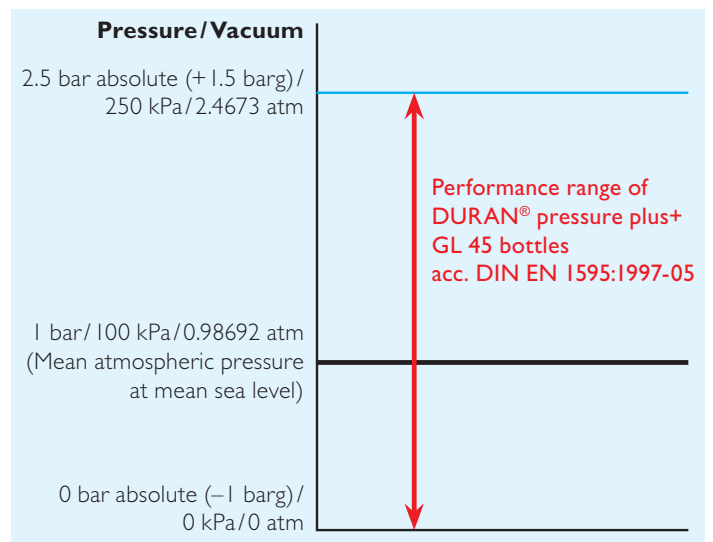
Applications

- 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.

NEW
 Extended
 Range



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

Ordering information

Cat. No.	Description	Capacity (ml)	h mm	d mm	Pack Quantity
Clear					
2I 810 24 06 NEW	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, clear, without screw cap and pouring ring, 100 ml	100	100	56	10
10 922 34	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, clear, without screw cap and pouring ring, 250 ml	250	138	70	10
10 922 35	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, clear, without screw cap and pouring ring, 500 ml	500	176	86	10
2I 810 54 03	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, clear, without screw cap and pouring ring, 1000 ml	1000	225	101	10
Clear with Protect					
2I 815 24 02 NEW	DURAN® laboratory bottle pressure plus+ protect GL 45, pressure resistant, clear, PU plastic safety coated, without screw cap and pouring ring, 100 ml	100	100	56	10
1I 759 25	DURAN® laboratory bottle pressure plus+ protect GL 45, pressure resistant, clear, PU plastic safety coated, without screw cap and pouring ring, 250 ml	250	138	70	10
1I 759 26	DURAN® laboratory bottle pressure plus+ protect GL 45, pressure resistant, clear, PU plastic safety coated, without screw cap and pouring ring, 500 ml	500	176	86	10
2I 815 54 08 NEW	DURAN® laboratory bottle pressure plus+ protect GL 45, pressure resistant, clear, PU plastic safety coated, without screw cap and pouring ring, 1000 ml	1000	225	101	10
Amber					
2I 816 24 03 NEW	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, amber, without screw cap and pouring ring, 100 ml	100	100	56	10
10 943 67	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, amber, without screw cap and pouring ring, 250 ml	250	138	70	10
10 943 68	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, amber, without screw cap and pouring ring, 500 ml	500	176	86	10
2I 816 54	DURAN® laboratory bottle pressure plus+ GL 45, pressure resistant, amber, without screw cap and pouring ring, 1000 ml	1000	225	101	10

Optional accessories

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

These products are available from your specialist laboratory dealer.