

Competence in Plastic Labware

VITgrip™ – THE ALLROUND LAB BOTTLE



- Leakproof*
- Optimum grip
- Smooth pouring

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VITgrip™ – The Allround Lab Bottle

With the new lab bottle VITgrip™, VITLAB offers you the allround bottle made of plastic for storage and sample collection of liquids in the lab.

The innovative design is characterized, amongst other things, by optimum grip and high accuracy of the graduation ($\pm 5\%$) and provides safe protection against leak-

age of liquids*. These characteristics make VITgrip™ an important helper in the lab.

Excellent handling



In contrast to common lab bottles, the slim, waisted shape facilitates the handling of the VITgrip™ to a considerable degree. The ergonomic design in combination with a low tare weight allows, in many cases, single-handed use of the lab bottle. Furthermore, the molded volume graduations sup-

port slip-safety while working with gloves. The lack of dirt catching edges and the use of hydrophobic polypropylene allow easy and thorough cleaning of the VITgrip™. Due to the double-sided graduation, the volume inside the bottle is easy to read, even during use.

Leakproof* and break resistant

Sometimes it happens very quickly: one inattentive moment and, by accident, the lab bottle is knocked over. Breakage of glass can be dangerous because of possible injury due to glass splinters and/or spilled liquid. VITgrip™ lab bottles made of plastic provide a higher level of safety in the lab because the VITgrip™ has a significantly

higher break resistance and is leakproof*. The bottle thread and the associated screw cap are an ideally matched pair. Together, they form a reliable sealing system without the need of an additional seal that can wear, corrode or cause contamination. Both components are subject to a detailed quality inspection prior to delivery.



Safe storage

The VITgrip™ lab bottles are supplied with a tamper-evident closure; i. e. a ring, which is attached at the lower end of the screw cap will tear off upon the first opening of the closed bottle. It reliably signals, if the bottle is still sealed before opening. Thus, an intact tamper-evident closure can ensure

safe storage of e. g. reference samples or safe transfer of samples between sampling site and lab. After the ring is torn off, the closure can be used as a regular screw cap. All VITgrip™ lab bottles have a GL 45 thread and an evenly formed neck area that allow controlled, smooth pouring of liquid.



Robust and very versatile

The VITgrip™ lab bottles and screw caps are “made in Germany” and are manufactured from polypropylene that has a very good chemi-

cal resistance against most acids, bases and alcoholic solutions. Furthermore, the VITgrip™ lab bottles and the supplied VITLAB® tamper-

evident closures are suitable for contact with foodstuffs (according to regulation EU No. 10/2011).



VITgrip™ lab bottles, PP, GL 45

Allround lab bottle with GL 45 thread including tamper-evident closure.

Volume ml	Graduation ml	Height** mm	Bottom-ø mm	PU	Cat.-No.
125	12.5	103	54	6	110194
250	25	149	64	6	110294
500	25	192	77	6	110394
1000	50	234	97	6	110494
2000	100	278	126	1	110594
Replacement tamper-evident closure, PP, GL 45				6	83330

* IMPORTANT NOTE: The term leakproof applies under the following test conditions:

The VITgrip™ lab bottle is half filled with distilled water and is closed with the supplied VITLAB® screw closure – after the ring of the tamper-evident closure clicks into place – with a torque of 5 Nm. Subsequently, the bottle is turned upside down and remains, standing on the screw cap, for 15 minutes, without the filled-in water escaping. The test is carried out at room temperature (approx. 20 °C) and atmospheric pressure.

PLEASE NOTE: The transferability of results under test conditions to specific applications is dependent on multiple factors that are beyond our control. Therefore, we do not assume any liability for the transferability; each case has to be carefully checked by the user.

** Height without screw cap