

VITgrip™ – A Better Lab Bottle

The new VITgrip™ laboratory bottle from VITLAB® is optimized for storage and sample collection of liquids in the lab. The innovative design features a molded, ergonomic grip, highly accurate graduations ($\pm 5\%$), and provides protection against liquid leakage

Excellent handling

Unlike ordinary lab bottles, the slim waist of the VITgrip™ lab bottles greatly enhance handling. The ergonomic design, and light weight allows single-handed use of the lab bottle in many cases. The molded volume graduations are not only exceptionally accurate, but they provide texture for an enhanced grip, especially when working with gloves. The lack of dirt catching edges and the use of hydrophobic polypropylene allow easy and thorough cleaning of the VITgrip™ lab bottles. Due to the double-sided graduations, the volume inside the bottle is easy to read, even during use.

Leakproof* and break resistant

Glass laboratory bottles pose a safety risk—not only due to the hazards of broken glass, but also from spillage of contents in the event of breakage. VITgrip™ lab bottles made of plastic provide a higher level of safety in the lab because the VITgrip™ lab bottles have a significantly higher break resistance and are leakproof*. The bottle thread and the associated screw cap are a precisely matched pair. Together, they form a reliable sealing system without the need of a cap liner 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 tamper-evident caps, with a ring that tears off upon the first opening of the closed bottle. It reliably signals, if the bottle is still sealed before opening. Ideal for ensuring secure storage of 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 allows 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 with exceptional chemical resistance against most acids, bases, and alcoholic solutions. 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

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	V110194
250	25	149	64	6	V110294
500	25	192	77	6	V110394
1000	50	234	97	6	V110494
2000	100	278	126	1	V110594
Replacement tamper-evident closure, PP, GL 45				6	V83330

***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

