USER GUIDE

30 ML TUBELESS FUNNEL AND DIPSTICK

It screws onto the Presta valve, core removed, and the sealant flows in by gravity: no syringe, no splashes. The dipstick tells you, without removing the tyre, whether any liquid is left. 3D printed in France, in PETG.



REF. VELK3DENTOBLCK · PRESTA TUBELESS VALVES · PETG, 30 ML, 3D PRINTED IN FRANCE

01 · GETTING STARTED

FILLING A TUBELESS TYRE

Before you start

- A **valve core tool**: the funnel screws on in place of the core. The Presta valve must have a removable core (two flats below the tip).
- The sealant of your choice, bottle well shaken, and a rag.
- Tyre **deflated**, wheel on the bike or in a stand: you need to be able to turn it.

Filling, step by step

1. **Deflate, valve at the top,** and unscrew the core with the tool. Any liquid already inside stays at the bottom of the tyre.
2. **Screw the funnel onto the valve thread,** without forcing: PETG tightens by hand. Keep the valve at the top of the wheel, slightly to one side, so the liquid runs down into the tyre.
3. **Pour up to 30 ml,** leaving about 5 mm below the rim of the funnel. The liquid drains through the valve.
4. **Squeeze the tyre gently** to help the liquid through; give the wheel a light shake if it sits there. Repeat if the dose you need is more than 30 ml.
5. **Unscrew the funnel, refit the core,** tighten until it seats, inflate. Spin the wheel and lay it on one side then the other to spread the liquid.
6. **Rinse the funnel straight away** with water: once dry, sealant sticks and blocks the spout.

Specifications

Compatibility	**Presta tubeless and tubeless ready valves**	Capacity	**30 ml**
Material	**3D printed PETG**	Manufacture	**3D printed in France**
Colour	**Gloss black**	Included	**Dipstick**

HOW MUCH

Rules of thumb, to adapt to the tyre: **≈ 30 ml** for a road tyre (one funnel), **≈ 60 ml** for gravel (two), often **60 to 120 ml** for MTB (two to four), depending on tyre volume. The sealant maker's instructions take precedence; a top-up needs less than a new tyre.

RULES

- **Deflate** before unscrewing the core: under pressure it shoots out like a projectile.
- Never inflate with the funnel in place.
- PETG stands up to latex and synthetic sealants; not to solvents or the heat of a car left in the sun.

02 · DAY TO DAY

CHECKING THE LEVEL, CARE

Checking the level with the dipstick

1. **Deflate, valve at the top,** unscrew the core with the tool.
2. **Turn the wheel** to bring the valve to the **bottom**: the liquid gathers there.
3. **Slide the dipstick into the valve,** gently, until it touches the liquid or the inside of the tyre. Do not push against the rim bed.
4. **Pull it out and read:** the wet mark gives the depth of liquid. A dry stick, or a rubbery deposit, means no active sealant is left.
5. **Top up if needed** with the funnel, valve back at the top, then refit the core and inflate.

When to check

Sealant dries out in **three to six months** depending on heat, ventilation and the liquid. A tubeless tyre with no active sealant is no longer protected against punctures, and you only find out at the first thorn. A check at each change of season, and before a long trip, avoids the surprise. Shaking the wheel next to your ear already tells you something: you should hear liquid moving.

IF SOMETHING GOES WRONG

- **The liquid will not go down**: the valve is blocked with dried sealant. Remove the funnel, pass a thin wire or the dipstick through the valve, start again.
- **The funnel will not screw on**: the valve has no Presta thread, or the core is still in place.
- **It overflows**: you are pouring too fast or the valve is not high enough. Wait for the level to drop, turn the wheel a notch.
- **The dipstick comes out dry** right after filling: the liquid has not yet reached the valve; spin the wheel and check again.



The PETG funnel: Presta thread at the spout, 30 ml in the bowl, a ring to hang it up.

Care

- Rinse funnel and dipstick with clean water after each use; dried sealant peels off when rolled between the fingers.
- Store away from sun and heat; PETG keeps its shape in normal use.

On video

Independent tutorials, scan to watch.

The quickest and easiest way to add tire sealant
Clint Gibbs · English

Tubeless mountain bike tire sealant top up
West Coast Mountain Biker · English

Need help?

velkyne.com/contact
Our team answers your questions about use and compatibility.