



Self-Sealing Tube Instruction Manual

How self-sealing tubes work

Bontrager self-sealing inner tubes have SealSafe™, a liquid sealant, inside the inner tube. As the wheel rotates, centrifugal force spreads the SealSafe evenly around the tube (Figure 1). When the tube is punctured, fibers in the SealSafe instantly plug the hole.

Hints for best performance

The benefit of riding with SealSafe is uninterrupted cycling. You may not be aware at the time, but punctures are being sealed while you ride. However, there are things to be aware of that can help you get the best performance from this product:

- + Always wear eye protection when working with SealSafe.
- + After installing and inflating the tube for the first time, spin and rapidly stop the wheel at least three times before riding. This ensures that the SealSafe has been distributed through the tube.
- + Sidewall punctures and pinch-flats do not occur on the outer-most portion of the tire, so they might not seal immediately. In this case, allow the SealSafe to puddle at the bottom of the tube (Figure 2) and then slowly rotate the wheel to bathe the sidewall with SealSafe.
- + No tube sealant can seal large cuts or large pinch holes, but in some cases these holes can still be patched. Before applying cement and patch, clean the patch area thoroughly with water to remove any SealSafe, and wipe dry.
- + Objects embedded in the tire tread should be removed. To help seal the puncture, rotate the embedded objects to the 6 o'clock position (Figure 3) before removing the object.
- + Because SealSafe does not dry out, it is normal to see a wet spot on the tire where larger punctures have been plugged. If the bicycle sits for a long time without turning the wheels, a plug for a large hole may develop a slow leak as it dries out. In this case, rotate the wheel slowly to re-wet the plug.

Avoiding or repairing a clogged valve

A small amount of SealSafe in the valve is harmless, but a larger amount can sometimes clog the valve. To avoid clogging, always stand the wheel up with the valve stem between the 10 and 2 o'clock position when you inflate or deflate the tube (Figure 4).

If the valve becomes clogged, remove the valve core, rinse it with water, clear away any trapped fibers, and reinstall the valve core.

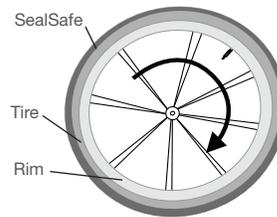


Figure 1. When wheel spins, centrifugal force spreads SealSafe around outside of tube

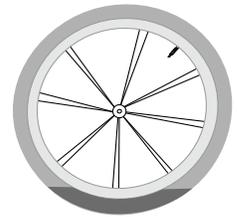


Figure 2. When wheel stands still, SealSafe puddles at bottom of tire

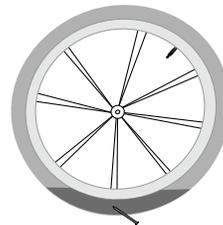


Figure 3. Before removing embedded object, rotate object to bottom of wheel to enhance sealing of puncture

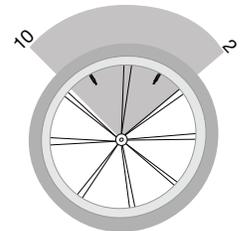


Figure 4. When inflating, position valve stem between 10 and 2 o'clock position so valve stem is out of SealSafe

⚠ WARNING ⚠

Contains ethylene glycol (1-2,ethanadiol). Eye and skin irritant. Wear eye protection during installation. In case of contact, immediately flush the eyes with water for at least 15 minutes and call a physician. Harmful or fatal if swallowed. Do not induce vomiting. Dilute by drinking water and call a physician immediately. Keep out of reach of children and pets.