

Q&A about "Agilist TLR"

Q 1 **The definition for TLR. What's the difference from TLC**

A 1 TLR stands for "Tubeless Ready" and is the same as the conventional TLC (Tubeless Comprehensible).

Q 2 **Can TLR be used with a tube?**

A 2 TLR tires may be used with a conventional bicycle tube

Q 3 **Are there any precautions when using it in TLR?**

A 3 Rims compatible with tubeless ready tires are required. Please read the instruction manual for your rim.
Sealant is also required with TLR.

Q 4 **Can I use TLR tires on non-tubeless rims?**

A 4 Yes, but only with a bicycle tube.

Q 5 **Panaracer has its own sealant lube. Can I use sealants from other manufacturers?**

A 5 Yes, you may use sealants from other companies. BUT only latex based sealants can be used.

Q 6 **Is there an air pressure specification?**

A 6 The upper limit is the "lower" pressure specified for the tire or rim. For the lower limit, please refer to the attached table. The correct air pressure varies depending on your weight, road surface, riding style, and preferences. Adjusting air pressure within the specified range and exploring your preferred setting is part of the enjoyment when riding.

MINIMUM AIR PRESSURE

TIRE SIZE	RIM SIZE	RIDER WEIGHT				
		40kg	50kg	60kg	70kg	80kg
700-23C	622-17C	345kPa	435kPa	520kPa	605kPa	690kPa
700-25C	622-19C	300kPa	385kPa	465kPa	550kPa	630kPa
700-28C	622-19C	210kPa	270kPa	340kPa	405kPa	475kPa
700-30C	622-21C	200kPa	250kPa	310kPa	375kPa	440kPa

Q 7 **Is there any other point to be concerned other than using tubeless ready rims?**

A 7 Be sure to remove mud and other contaminants from the inside of the rim and the bead before installing, as this may cause air leaks. When using tire levers during operation, use plastic tire levers to prevent damage to tires and rims.

Q 8 **Are there any precautions to be taken when using tire levers during replacement?**

A 8 Use tire levers that accept tubeless tires, and be careful not to damage the bead of the tire when using them. When using tubeless rim tape, be careful not to damage or remove the rim tape.

Q 9 **How much air will I lose when using a tubeless set up?**

A 9 That number will vary. It is possible to lose about 20% in a 24 hour period in some cases

Q 10 **What are the possible causes of early air leaks and how should they be handled?**

A 10 (1) Tire not mounted properly on rim → remount
(2) Air leaks due to deformation, damage, or foreign matter in the mating area of the tire or rim
→ Check the mating area and use a tube if it is not compatible.
(3) When tubeless rim tape is used, rim tape is damaged or misaligned → replace rim tape
(4) Damaged tubeless valve, insufficiently tightened two-piece core, dirty valve core → core maintenance or replacement
(5) Sealant film is not formed → Spread the sealant evenly inside the tire.
(6) Tire damage not sealed with sealant → If the tire damage is significant, replace the tire.

Q 11 **How can I get a flat tire repaired on a TLR tire?**

A 11 If this product is punctured using sealant, be sure to fit a tube.
The following repair kits cannot be used. Panaracer Tubeless Tire Repair Kit (sold separately), Panaracer Easy Patch (sold separately)

Q 12 **I have been using a sealant in the past, but now I would like to use a tube in the future. Are there any precautions I should take?**

A 12 Make sure to completely remove any residue from the inside of the tire
Any remaining sealant may cause abrasions in the tube and could cause the tube to puncture.

Q 13 **I have sealant from another maker left over that I would like to mix and match. will there be any problem?**

A 13 We advise you that "Seal Smart" should not be mixed with sealants made by other manufacturers.
For other manufacturers' sealants, please contact your local distributor or the manufacturer

Q 14 **How should I store my TLR tires?**

A 14 When storing tires on wheels, keep inflated to insure the shape of the tire is maintained
When storing tires alone, avoid bending them tightly or hooking them on sharp objects, and keep the bead section as free from stress as possible.
In all cases, do not place the tires near heat sources such as stoves, places exposed to rain or direct sunlight, oils, organic solvents, etc., as they may adversely affect the tires.

Q 15 **How do I know when to replace my TLR tires?**

A 15 Like other clincher tires, they are rubber products and will deteriorate over time regardless of whether they are used or not.
There is a dimpled slip sign in the center of the tread (the location of the slip sign is indicated by the \triangle mark on the side).
Inspect the product every six months to one year.
If cracks, damage, or deformation are found, please stop using immediately and have the product inspected by a qualified maintenance store.

Q 16 **I was going to use the rest of the "Seal Smart" I used last time, but it seems to be gelled. Can I use it?**

A 16 The ingredients may have changed over time, and the sealant will not perform to its full potential. Please use new sealant for safe riding.

Q 17 **Can I use hookless rims when using tubeless?**

A 17 We are pleased to inform you that you can use the rim as long as it complies with the ETRTO standard (2021ETRTO).
For details, contact the hookless rim (wheel) manufacturer.
We will continue to confirm with each wheel sets and will update the chart as needed.

Q 18 **Are there any restrictions on the inner width of the rim?**

A 18 AGILEST Designed with the new ETRTO standard (2021ETRTO), see below for corresponding inner rim widths.

『AGILEST TLR』 Fitting and Tire Width Variation Chart by Rim Size

TIRE SIZE	RIM SIZE				
	622-17TC	622-19TC	622-21TC	622-23TC	622-25TC
25-622 (700x25C)	24mm	25mm	26mm	Deprecated	Inadvisable
28-622 (700x28C)	27mm	28mm	29mm	30mm	Deprecated
30-622 (700x30C)	28mm	29mm	30mm	31mm	32mm

※The combination of the areas marked in red is the tire designed.

※Tire widths shown are for reference and, will vary depending on the type of rim and air pressure used.

Q 19 **I want to use tubeless, but the bead will not fit (will not mount).**

A 19 As noted in the section below, there is some compatibility with the rim, but first, try the following.

- 1) Apply soap water to the inside of the rim so that the bead moves smoothly.
- (2) Wrap several rounds of rim tape around the bottom of the rim to raise the bottom.
- 3) Bring both beads tightly to the center to reduce air leaks when inflating.
- 4) If you have one, use a compressor to feed more air at once.

Q 20 **Are there rims (wheels) that are incompatible for use with TLR?**

A 20 Please refer to the separate document "AGILEST TLR_List of Wheels with Verified Mounting Performance".