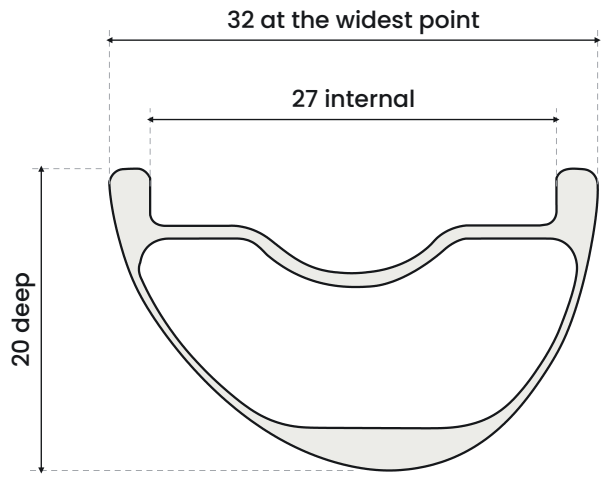
# Venn 2027 THL SL

MTB cross-country carbon rim, 20 mm deep, ETRTO standard. 5-year rim warranty.




Section at 2:1 when printed at 100% on A4. Figures in mm.

| | |
|---|---|
| ERD | **600.5 mm**<br>Factory figure |
| Internal width | **27 mm** |
| External width | 32 mm at the widest point |
| Depth | 20 mm |
| Weight | 280 ± 15 g<br>Raw finished rim, no clear coat |
| Wheel size | 700c / 29" (ISO 622) |
| Spoke holes | 24, 28 or 32<br>Drilled after moulding |
| Maximum spoke tension | 130 kgf |
| Brake | Disc |
| Tyre | Tubeless hookless<br>Tyres approved for hookless rims, within the tyre maker's hookless pressure limit |
| Rider weight limit | 110 kg |

## FOR THE BUILD

- **Spoke length.** Use the ERD above. Before cutting spokes for a full order, measure one rim from the batch.
- **Asymmetric.** The spoke holes sit 2.6 mm off centre, which evens out the spoke tension between the two sides of the wheel. Lace it with the offset toward the non-drive side at the rear and away from the brake rotor at the front.
- **Nipples.** Order with tool access holes for internal nipples (the rim then needs tubeless tape), or without them for a true tubeless rim bed (external nipples only).
- **Hookless.** Only tubeless tyres approved for hookless rims, within the tyre maker's hookless pressure limit.
- **Finish.** Gloss uncoated, matte uncoated or 25k pattern (+30 g per rim). Decals: silver Venn Hanko, black Venn logo (original) or none (plain carbon).

## TESTED

- **Impact:** 100 J pass mark for MTB cross-country rims. The UCI's wheel requirement is 40 J (ISO 4210-7). A pass mark is the energy every rim must pass, not a failure point.
- **Spoke holes:** pull-through tested; pass mark 300 kgf.
- Every rim model goes through the same programme: fatigue, run-out, spoke hole strength, lateral rigidity, tyre retention and heat.