



PRESS RELEASE

PIRELLI PRESENTS THE NEW P ZERO RACE TLR, THE FASTEST TUBELESS TYRE OF THE ROAD BIKE RANGE

A new SPEEDCORE technology that makes the tyre 24% faster than its predecessor and reduces puncture risk

Manufactured in the renovated Milano-Bollate plant

Milan, Italy, 20th March 2023 – Pirelli is launching its new P ZERO Race TLR, the tubeless version of its clincher tyre for road bikes. This product has been redesigned with new technologies and is manufactured in the modernised and innovative Pirelli plant in Milan-Bollate.

The new tubeless ready tyre by Pirelli is the fastest of the entire road bike range: this feature is sought not only by amateurs but also by the World Tour teams with which Pirelli collaborates: Trek-Segafredo and AG2R Citroën; more recently also the Q36.5 Pro Cycling Team.

The P ZERO Race TLR is the result of a complex project that involved many departments of Pirelli's R&D, as well as the teams that tested it on the ground: it features an innovative technology called SPEEDCORE.

SPEEDCORE: REINFORCED CASING

The structure of the P ZERO Race TLR features a tyre tread made with the SmartEVO formulation, a cutting-edge compound of polymers created to offer an excellent grip and low rolling resistance. The tyre is different in the inside compared to its predecessor: here the use of the new SPEEDCORE technology offers low rolling resistance and great protection from punctures, thus reinforcing the casing – without making it stiff – through the use of aramid fibres. Aramid in fact has chemical-physical features that allow for high resistance to traction, cuts and heat, thus favouring the mechanical properties of the tyre itself.

FAST TYRE WITH HIGH RESISTANCE AND LOW RIGIDITY

This new technology has been developed thanks to Pirelli's experience in the field of compounds for racing tyres and has allowed for the reduction of rolling resistance, thus improving the smoothness of this tyre by 24% compared to the P ZERO Race TLR's predecessor (Pirelli in-house testing carried out with tyres in the size 28-622). The aramid fibres bind evenly with the other chemical elements in the rubber, arranging themselves homogeneously in the structure, thus favouring the high mechanical properties required of low rolling resistance, high puncture resistance and low rigidity. So thanks to SPEEDCORE the structure of the new P ZERO Race TLR is much more flexible and thinner than a traditional butyl rubber layer, with improved mechanical resistance characteristics compared to the previous version of the product and able to offer a better level of puncture protection than a classic bead-to-bead fabric casing.

Compared to the previous version on the market, the weight and excellent grip and reliability characteristics in dry and wet conditions remain unchanged, confirming the product as a reliable and high-performance all-rounder, a benchmark in its category.

P ZERO Race TLR is already available in sizes 26-622, 28-622, 30-622 (all also in the 'Classic' version) as well as size 32-622 with black sidewalls. The sizes 35-622 and 40-622 will enter the market later this year.

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