

Benefits

Handling

Grip

Traction

ABS Integration



On road agility

The profiles of the KAROO™ Street are directly derived from those of the TOURANCE™ NEXT, with the precise aim to increase the on-road behaviour.

It features a multi-radius profile with an increased width and overall length of the contour to increase the surface of the footprint area and hence grip and stability also when leaning.

The height of the shape has been sensibly increased to improve dampening capacity and comfort.

Both front and rear tyre profile follows the same scheme and a similar geometry to ensure a synchronised behavior of the set.

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Grip on dry and wet

KAROO™ Street features a high silica compound with a balanced proportion of carbon-black and resins to achieve a high level of grip on road, both on dry and wet conditions.

A relevant percentage of carbon black increase knobs resistance to 'tearing' and premature wear when used on-road.

The right choice of polymer typology, fillers and resins combined with our exclusive and patented mixing process is the key to improve the cohesion of the different ingredients at molecular level, achieving an unmatched level of homogeneity of the polymeric matrix that maximizes its properties and characteristics, granting solid performances over time.



Traction in all conditions

The tread design of the KAROO™ Street is delivered from the disruptive layout of KAROO™ 3 and its uniquely shaped knobs with the precise objective to provide great on-road performance, wear regularity and a high level of stability combined with a cross-country appeal.

Extra-large central blocks create a wide and solid contact patch which ensures high speed stability on-road.

When riding off-road, the V-shaped knob layout with its multiple operating edges of blocks ensure acceleration, traction and braking grip; on-road, the multi-pitch knob layout is able to reduce contact vibrations, and it contributes to maximize wear uniformity and deliver effective mileage.

Longitudinal grooves in the middle of the central blocks provide water evacuation and self-cleaning ability from dirt.

Wide transversal grooves contribute to make central blocks to dig the soil, providing off-road traction especially on dirt and hard-packed clay soils.

The variable shape of the block, together with their V-shaped layout ensures multiple operating edges that enhance off-road traction.

Big lateral blocks ensure a large contact patch when leaning, providing cornering grip and stability even at high speed.

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Integration with electronic rider aids

KAROO™ Street's ensure an optimal integration with electronic rider aids such as ABS and traction control. The combination of the extra-large blocks with their V-shaped layout and the high stiffness of the tyre structure enables a high level of stability, traction and smooth rolling, providing a clean signal and information transmitted to the ABS, Traction Control and other rider electronic aids, not interfered by tread patten vibrations or deformations typically found with other knobbly tyres.