

High Performance Passenger Car Tire

This high-performance tire balances performance, comfort, and safety for passenger vehicles. Its tread pattern and compound technology ensure exceptional performance in all conditions.



Product Overview

High Performance Passenger Car Tire

The TC101 high performance tire is engineered to deliver an exceptional balance of performance, safety, and comfort. By integrating advanced tread pattern designs with high-tech compound materials, this tire ensures superior handling in diverse driving conditions. It is an ideal solution for passenger vehicles requiring reliable traction, reduced road noise, and long-term durability.

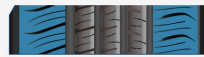
Performance Features

Features & Benefits



Four deep circumferential grooves

- For improved water dispersion and drainage & reduced aquaplaning
- Resulting in improved wet handling and braking



Large shoulder blocks and unique shoulder block shape

- For enhanced shoulder stiffness & improved shoulder stability
- Resulting in improved cornering in wet and dry conditions



High sipe density

- For increased biting edges and water dispersion
- Resulting in improved wet handling and braking



Closed groove designs

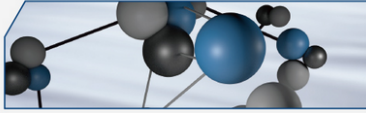
- Traps noise generated from the center of the tire
- Resulting in a quieter and more comfortable ride

Advanced tread design features for improved wet handling, stability, and noise reduction.

Key Performance Features

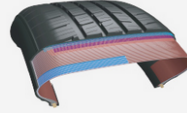
- Four deep circumferential grooves for superior water dispersion and aquaplaning resistance
- Large shoulder blocks designed for enhanced stiffness and cornering stability
- High sipe density for increased biting edges and improved wet braking
- Closed groove architecture to trap noise and ensure a quieter, more comfortable ride

Material and Construction



Functionalized polymer and high content silica in combination with white carbon black

- For a reduction in tread deformation & lower rolling resistance
- Resulting in improved traction, wet handling, braking & fuel efficiency



Optimized high density polyester matrix structure design

- For more robust & stable carcass
- Resulted in better steering and handling response

High-tech material composition designed for lower rolling resistance and structural stability.

Material Composition

- Functionalized polymer and high silica content compound
- White carbon black integration to reduce tread deformation
- Optimized high-density polyester matrix structure for a robust carcass
- Low rolling resistance design for improved fuel efficiency

Technical Specifications

Tire Specifications

Specification	Value
Size	225/50R17
Load Index / Speed Rating	98T