

# Winter Studdable Tire for Passenger Cars

This winter studdable tire is designed for maximum grip in demanding conditions, including sub-zero temperatures and icy roads. Its directional tread and optimized stud sequence enhance grip on snowy surfaces.



## Overview

### Winter Performance Excellence

This winter studdable tire is engineered for maximum grip in demanding sub-zero conditions and on icy roads. Featuring a specialized silica compound, it maintains flexibility and performance in extreme cold. The directional tread design, combined with an optimized stud sequence, ensures reliable traction and safety throughout the winter season.

## Design Features

### Features & Benefits



Optimized stud arrangement and new stud hole design to maximize the retention

- Improved grip on icy and compact snow roads



High radial sipes density and "zigzag" small groove

- Design: Extreme grip on road
- High traction on ice and snow



Directional tread design with large evacuation channels

- Better performance on snow
- Improved slush and water evacuation



Tread rigidity gradually increases from center to shoulders

- Good pressure distribution
- Reliable handling stability in straight line and cornering condition

Optimized stud arrangement and high-density siping for superior ice and snow traction.



Radial shoulder block and large block design

- Uniform wear
- Longer mileage



Optimized multi-pitch sequence design

- Smooth transition between blocks and shifted resonance frequency
- Improved acoustic comfort



Optimised high dispersion silica compound

- Improved grip and handling stability in different cornering conditions

Radial shoulder block design and silica compound technology for improved handling and comfort.

### Tread Design Features

- Directional tread pattern for enhanced snow performance
- Large evacuation channels for slush and water drainage
- Radial shoulder block design for uniform wear
- Optimized multi-pitch sequence for acoustic comfort

### Winter Traction Technology

Studdable Design, High Radial Sipe Density, Zigzag Small Grooves, Cold-Weather Silica Compound

## Performance Metrics

### Performance Attributes

**100 %**

Ice Traction

**95 %**

Snow Evacuation

**90 %**

Acoustic Comfort

## Technical Specifications

### Technical Data

Feature	Detail
Size	205/55R16
Load Index	94
Speed Rating	T
Construction	Extra Load