



## ***ventus Prime 4***

*Optimum driving control and a comfortable ride*



**Features  
and Performance  
Information**

3p

**Ventus Prime History**

4p

**Positioning Map**

6p

**Concept**

7p

**Product Concept**

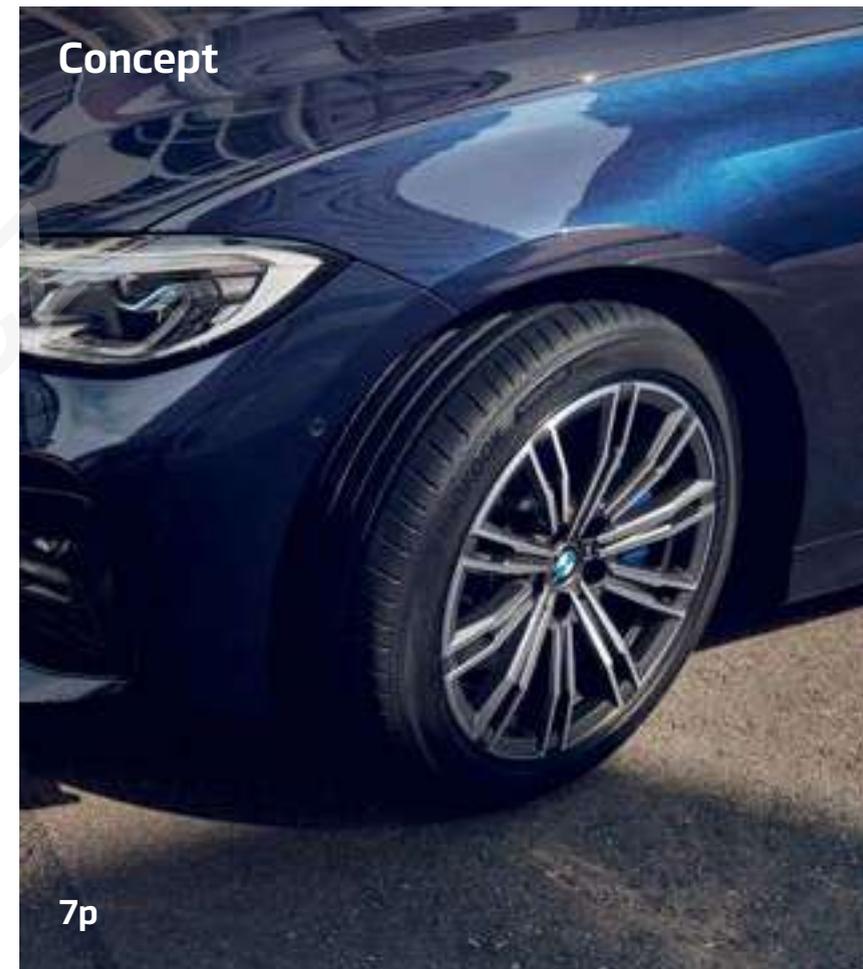
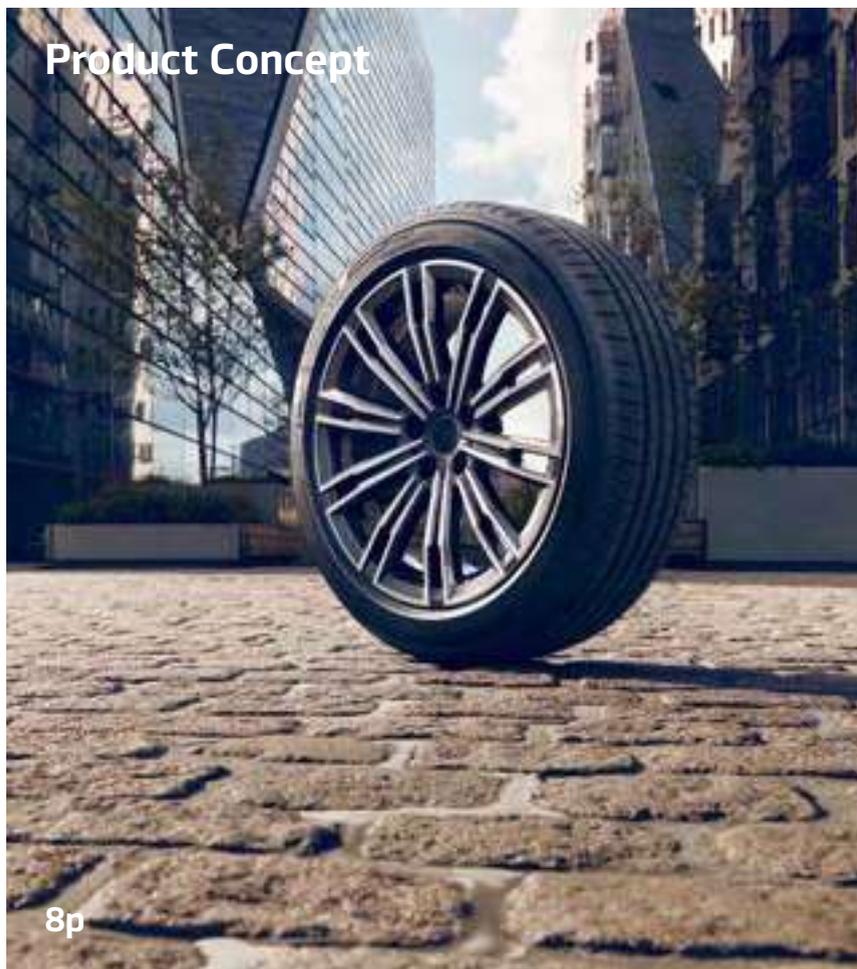
8p

**Technology**

9p

**Available Size**

15p



Features and Performance Information

# VENTUS Prime 4



## Technical Profile

Tread width  
**195-255**

Series  
**40-65**

Inch  
**16~20**

Speed symbol  
**H-Y**

## Applied Technology & Tyre Performance



Compound



Grip



Dry handling



Wet handling



Durability

NEW

### VENTUS PRIME 2

#### Magazine Test

- Teknikan Maailma  
- Very Recommendable ('12)  
Test Winner
- Gute Fahrt  
- Very Recommendable ('13)  
(205/55R16V)

#### OE Application

- BMW 1 series, Mini (205/55R16W)
- VW Golf (205/55R16V)
- Mercedes S-Class, V-Class,  
BMW 1Series, VW Passat, Touran,  
Mini Clubman, Audi A1, Opel Astra

### VENTUS PRIME 3

#### Magazine Test



- Auto Bild  
- Very Recommendable ('16)  
Test Winner (205/55R16V)
- ADAC  
- Very Recommendable ('18)  
(5/16)

#### OE Application

- AUDI A1 (195/55R16V XL)
- VW Passat (215/55R17V)
- Audi A8, A1, BMW 2 Series Active  
Tourer, VW Passat, T Cross, T Roc,  
Mini, Skoda Karoq, Renault Captur,  
Ford Focus

### VENTUS PRIME 4

Good Result  
Expected

# COMFORT BALANCE

NEW



**ventus Prime 4**

# PREMIUM SPORT



**ventus S1evo<sup>3</sup>**

# SUPER SPORT

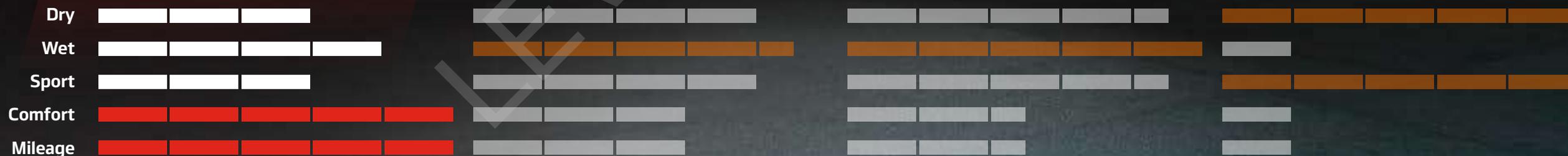


**ventus S1evo Z**

# CUP & TRACK

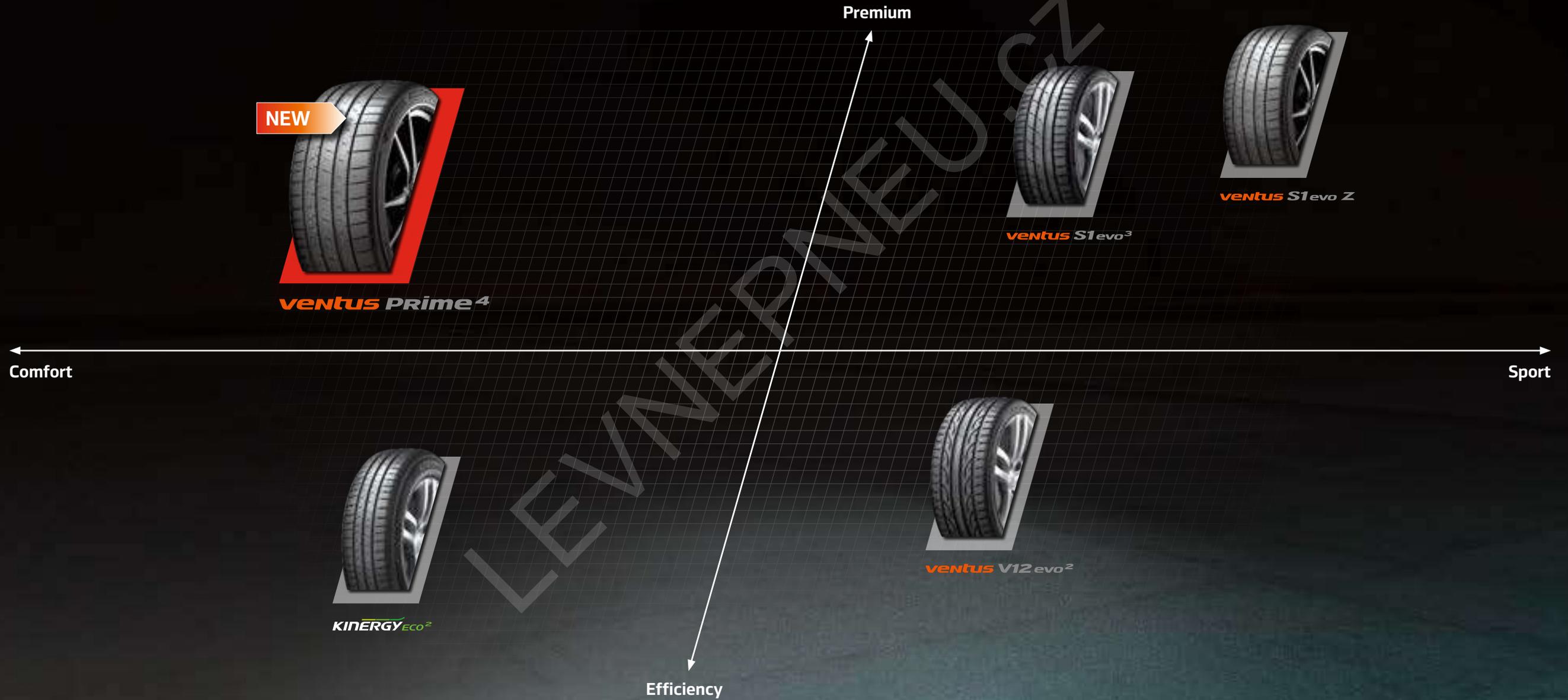


**VENTUS CUP & TRACK**



※ Graph is based on internal data, not on objective test.

# 2021 Summer Product



Concept

# ***WHY YOU SHOULD CHOOSE THE VENTUS PRIME 4***

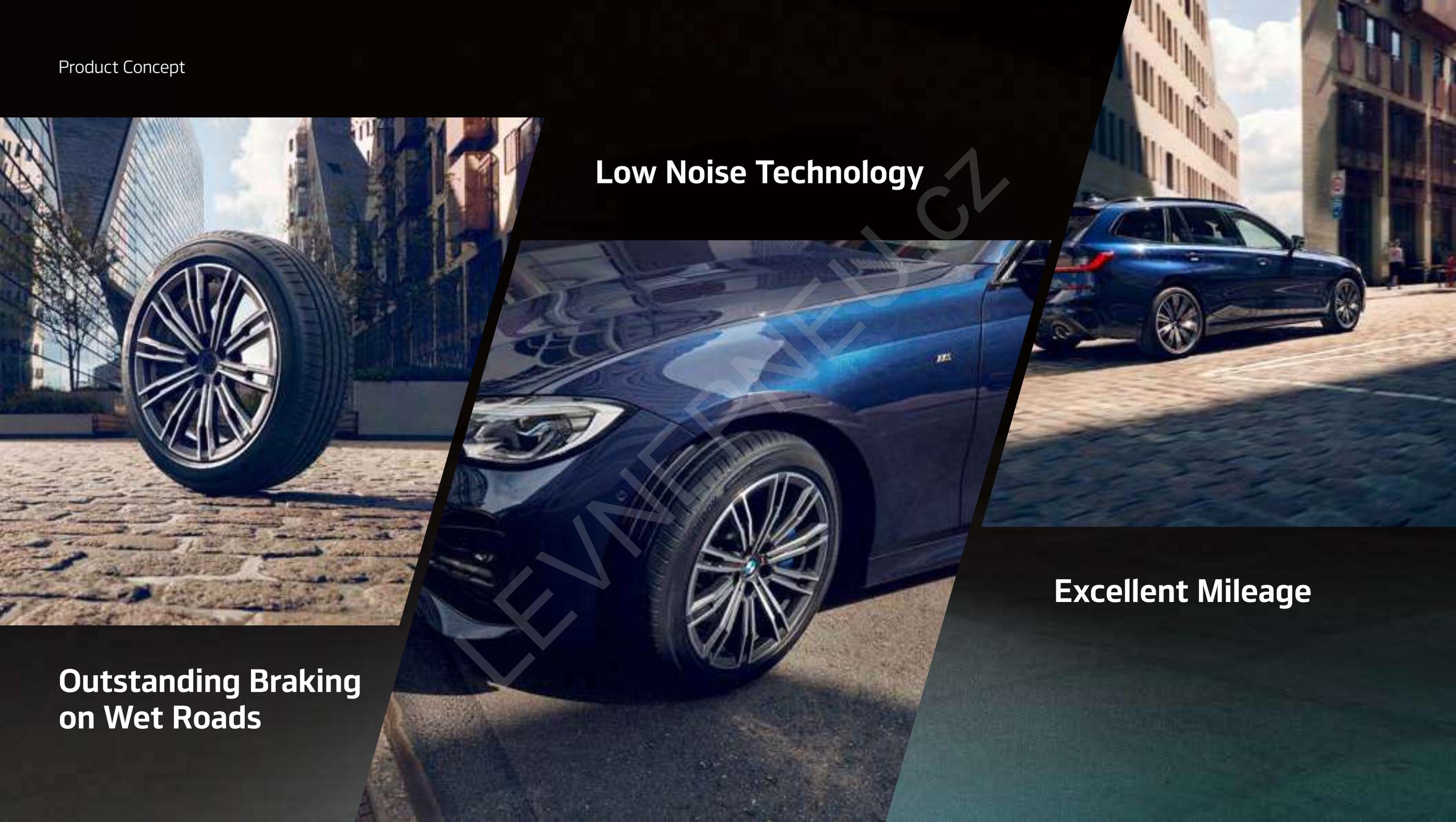
- Outstanding braking control on wet roads
- Optimised comfort with low noise technology
- Longer mileage compared to Ventus Prime 3

Product Concept

**Low Noise Technology**

**Excellent Mileage**

**Outstanding Braking  
on Wet Roads**

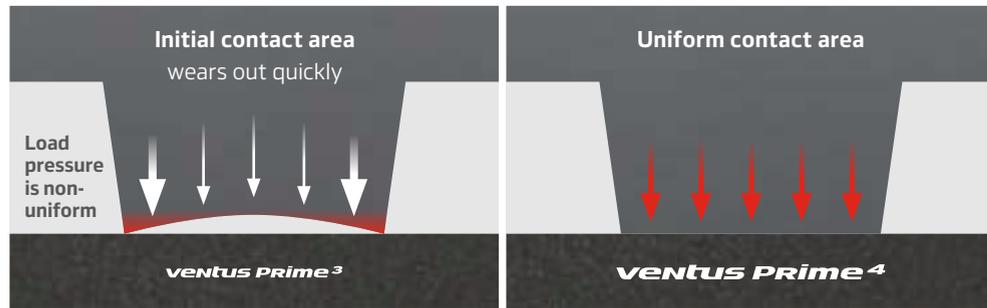


Technology

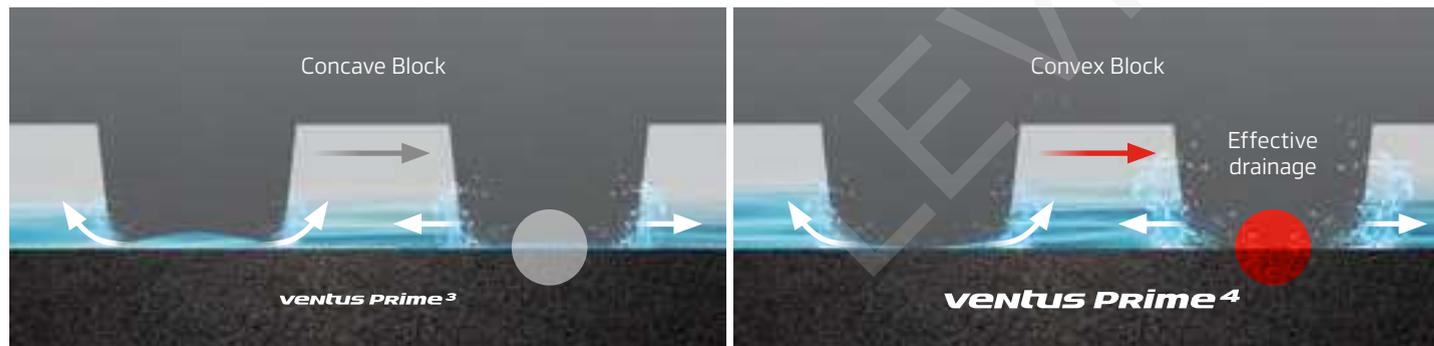
# Outstanding Braking on Wet Roads

Safer driving while on wet roads by minimising the small bumpy holes on the surface of the tyre.

## Uniform ground pressure



## Excellent drainage in the transverse direction



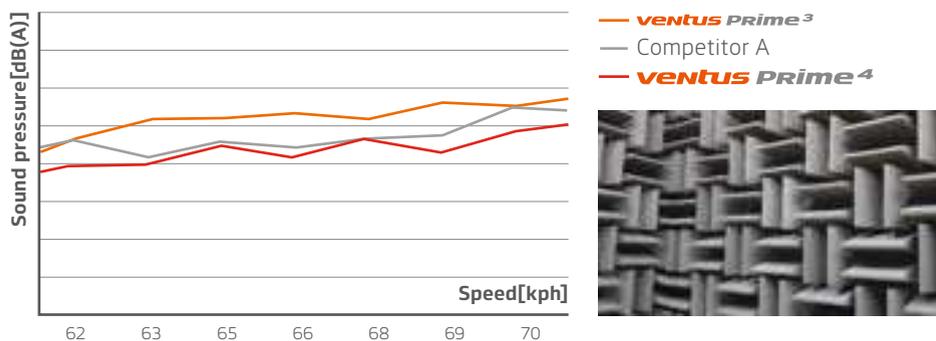
# Low Noise Technology

Noise-blocking anechoic chamber wall pattern technology for low noise.

## Low Noise Groove Wall Knurling - Low Noise Technology

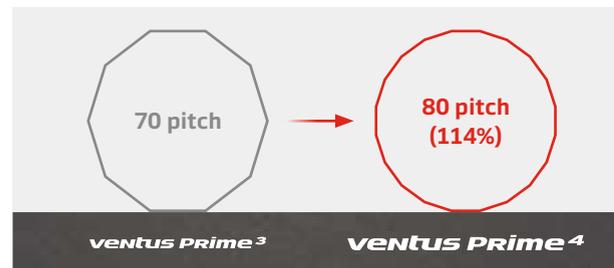
Groove resonance and pattern noise are dispersed by applying a wedge-shaped (3D-Wedge) structure that applies the anechoic chamber wall principle.

### Anechoic Chamber



※ Hankook Tyre Noise test data

## RO (Round Optimisation) - Noise & Ride



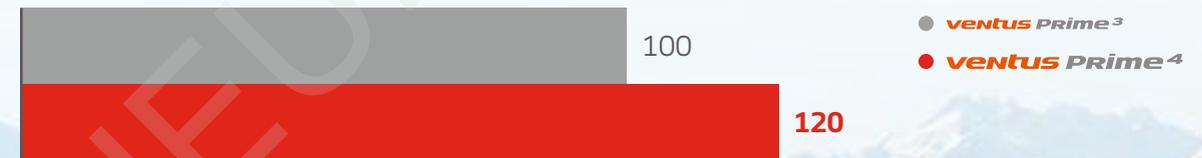
By increasing the total number of pitches, the impact on the road surface is minimised providing a more comfortable ride.



# High Mileage Compound Technology

Improved tyre mileage with a new compound material for strong cohesion.

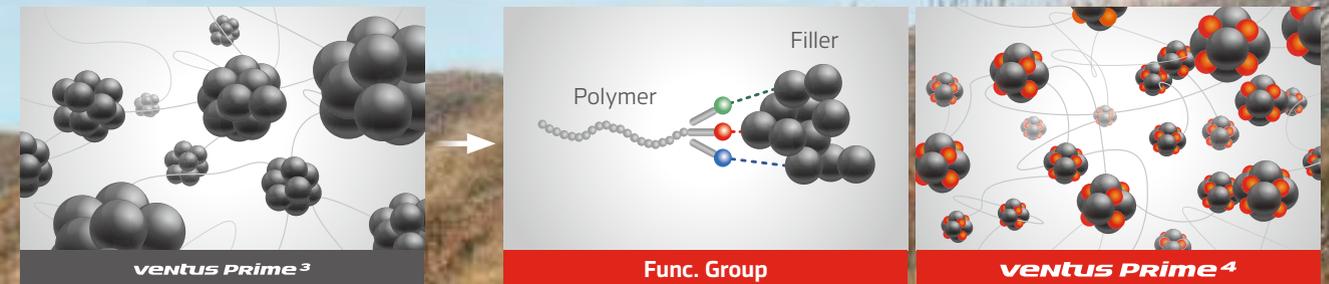
## Mileage Test Results



※ Above Internal result tested in 2020 on IDIADA PG (225/50R17W)

## High Mileage Compound Technology

Increased functional polymers provide more chemical bonding between polymer and filler producing less rolling resistance. This green compound matrix provides powerful linking to a higher amount of silica than previously used, that enhances wet and wear performance.

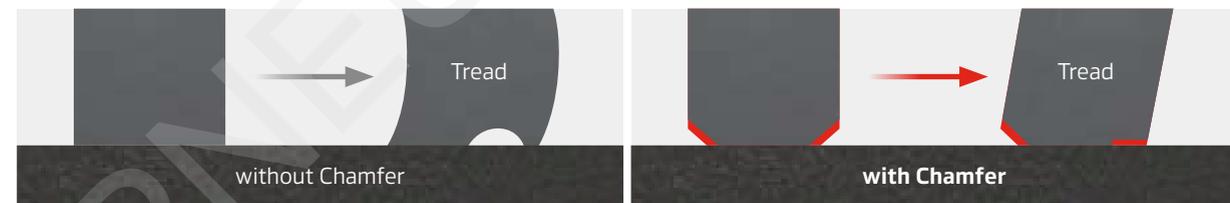




Technology

# Extreme Precision Handling Technology

Curling is prevented by rounding the corners of the tyre.

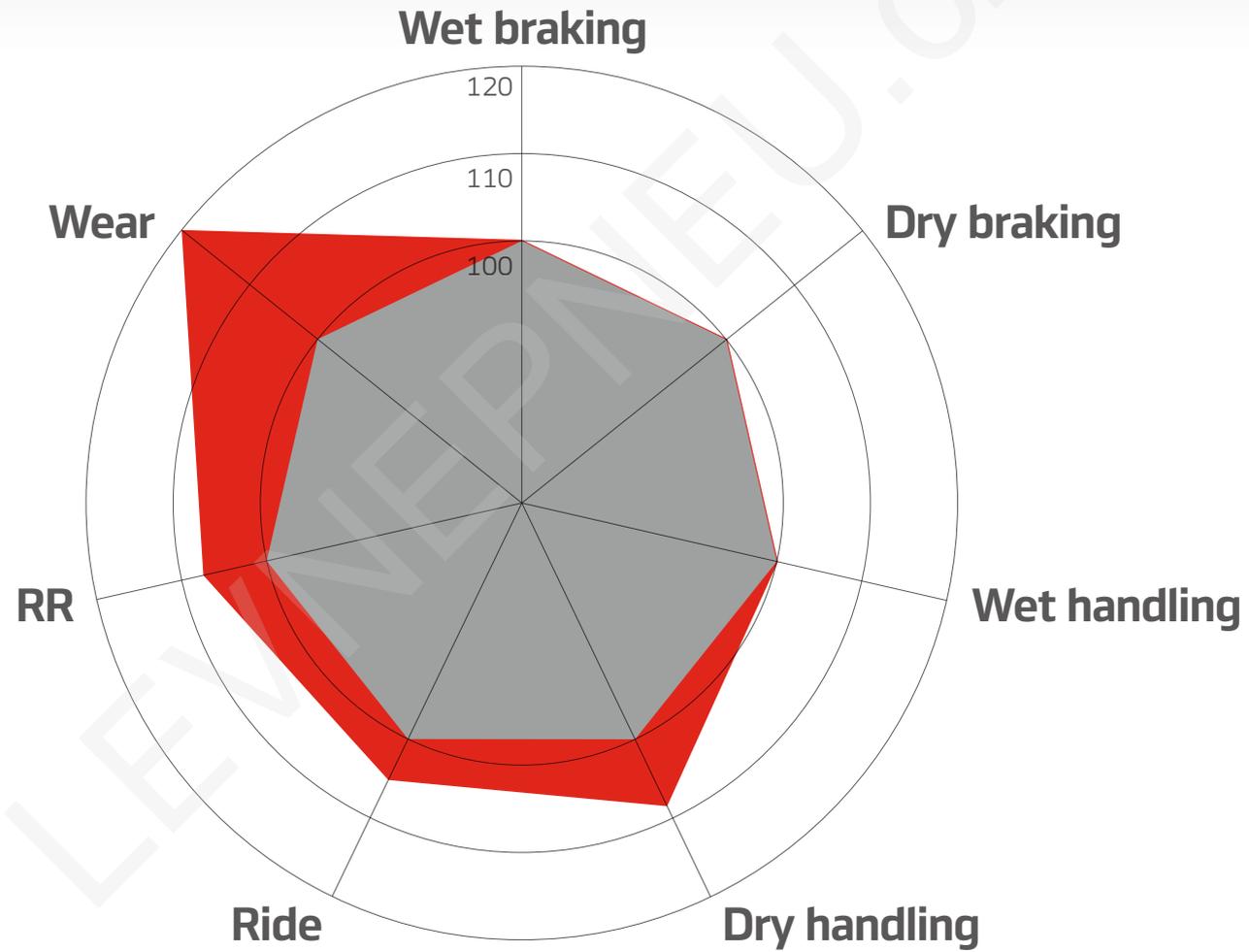


## Zigzag 3D Trend Technology

This is advantageous for dry performance by increasing the friction force of the block according to the deformation.



# Performance Results



- *ventus Prime 3*
- *ventus Prime 4*

※ Above Internal result tested in 2020 on IDIADA PG (225/50R17W)

# Tyre Structure

## Tread Compound

HSSC (Highly Enriched Synthetic Silica Compound) is a new compound, in which the highly purified and quality silica is vulcanised at low temperatures for twice the duration compared to regular tyres. This enables the increased blending between molecules that secures a solid driving performance and improved mileage.

## Jointless Full Cover Reinforcement Belt

Ideal tread strength.

## Application of High Strength Steel Belt Wire

Using high strength belts that perfectly absorb external shock, the durability and comfort of the tyre has been greatly improved.

## Dual Layer Fibre Stiffener

With the dual structure of the carcass fibre stiffener, the resistance of the tyre is structurally assured.



## Folded Belt Edge Tape

Endurance of the belt has been enhanced.

## Strong Jointless Bead Wire

By increasing the binding force between the wheel and the joint, even with high initial acceleration, the tyre will always remain safely attached to the wheel.

# Available Sizes

Inch	Series	Size	Pattern
20	45	215/45R20W XL	K135
	55	195/55R20H XL	K135
19	50	235/50R19Y XL	K135A
		215/50R19V XL	K135
	55	225/55R19V	K135A
18	40	255/40ZR18W XL	K135
		245/40R18W XL	K135
		235/40R18W XL	K135
		225/40R18W XL	K135
	45	245/45R18W XL	K135
		235/45R18W XL	K135
		225/45R18W XL	K135
	50	235/50R18V	K135A
		225/50R18W XL	K135
		215/55R18V XL	K135
	55	235/55R18V XL	K135A
		225/55R18V	K135A
		215/55R18V XL	K135
	60	225/60R18V XL	K135A

Inch	Series	Size	Pattern
17	40	245/40ZR17Y XL	K135
		215/40ZR17Y XL	K135
		205/40ZR17W XL	K135
	45	245/45ZR17Y XL	K135
		235/45ZR17Y XL	K135
		235/45R17W XL	K135
		225/45R17Y	K135
		225/45R17W XL	K135
	50	215/45ZR17Y XL	K135
		205/45R17V XL	K135
		235/50R17W	K135
		225/50R17W XL	K135
		225/50R17W	K135
		215/50R17W XL	K135
55	205/50R17W XL	K135	
	205/50R17V	K135	
	235/55R17W XL	K135	
	235/55R17V	K135A	

Inch	Series	Size	Pattern
17	55	225/55R17W XL	K135
		215/55R17W XL	K135
		215/55R17W	K135
		215/55R17V	K135
		205/55R17V XL	K135
	60	225/60R17V	K135A
		215/60R17V	K135A
	65	225/65R17H	K135A
16	45	215/45R16V XL	K135
		205/45ZR16W XL	K135
		195/45R16V XL	K135
	50	205/50R16V	K135
		195/50R16V XL	K135
	55	225/55R16Y XL	K135
		225/55R16W	K135
		215/55R16W XL	K135
		215/55R16V	K135
		205/55R16W XL	K135

Inch	Series	Size	Pattern
16	55	205/55R16W	K135
		205/55R16V XL	K135
		205/55R16V	K135
		205/55R16H	K135
		195/55R16V	K135
	60	195/55R16H	K135
		225/60R16W XL	K135
		215/60R16V XL	K135
		205/60R16W XL	K135
		205/60R16V XL	K135
65	205/60R16H	K135	
	195/60R16V	K135	
	215/65R16H XL	K135A	



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