



## ***ventus Prime 4***

*Optimum driving control and a comfortable ride*





**Features  
and Performance  
Information**

3p

**Ventus Prime History**

4p

**Positioning Map**

5p

**Concept**

6p

**Product Concept**

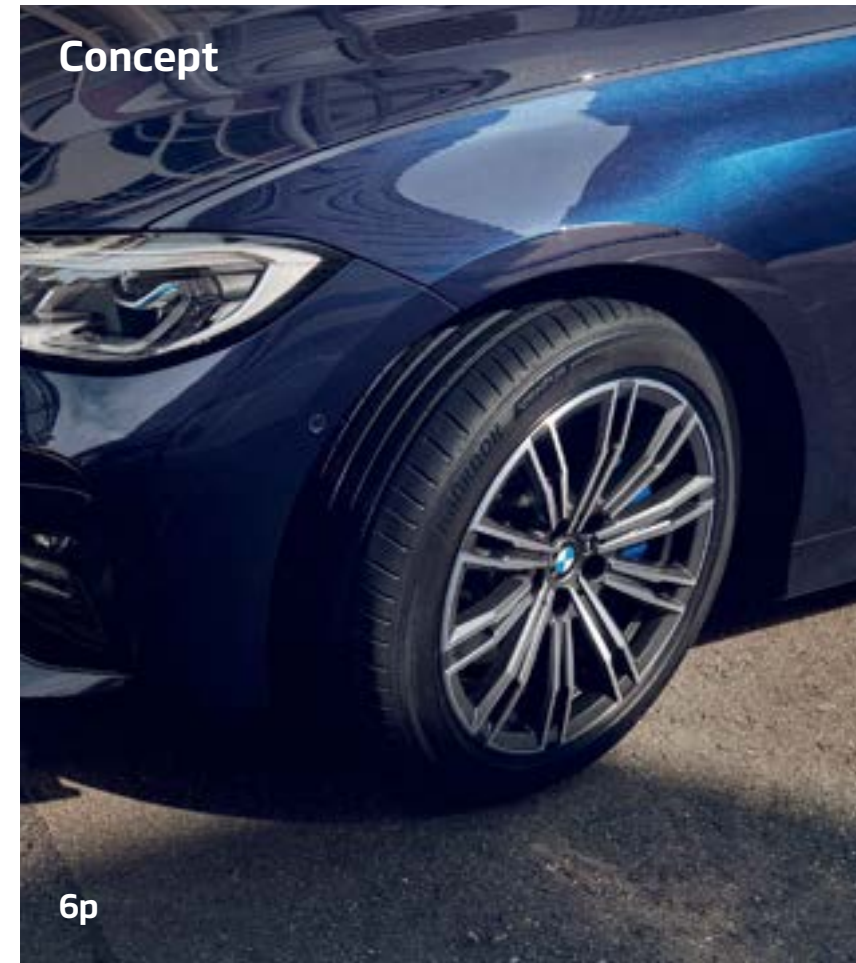
7p

**Technology**

8p

**Available Size**

14p





# ventus Prime 4



## Technical Profile

Tread width

**185-275**

Series

**35-65**

Inch

**15-19**

Speed symbol

**H-Y**

## Applied Technology & Tire 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

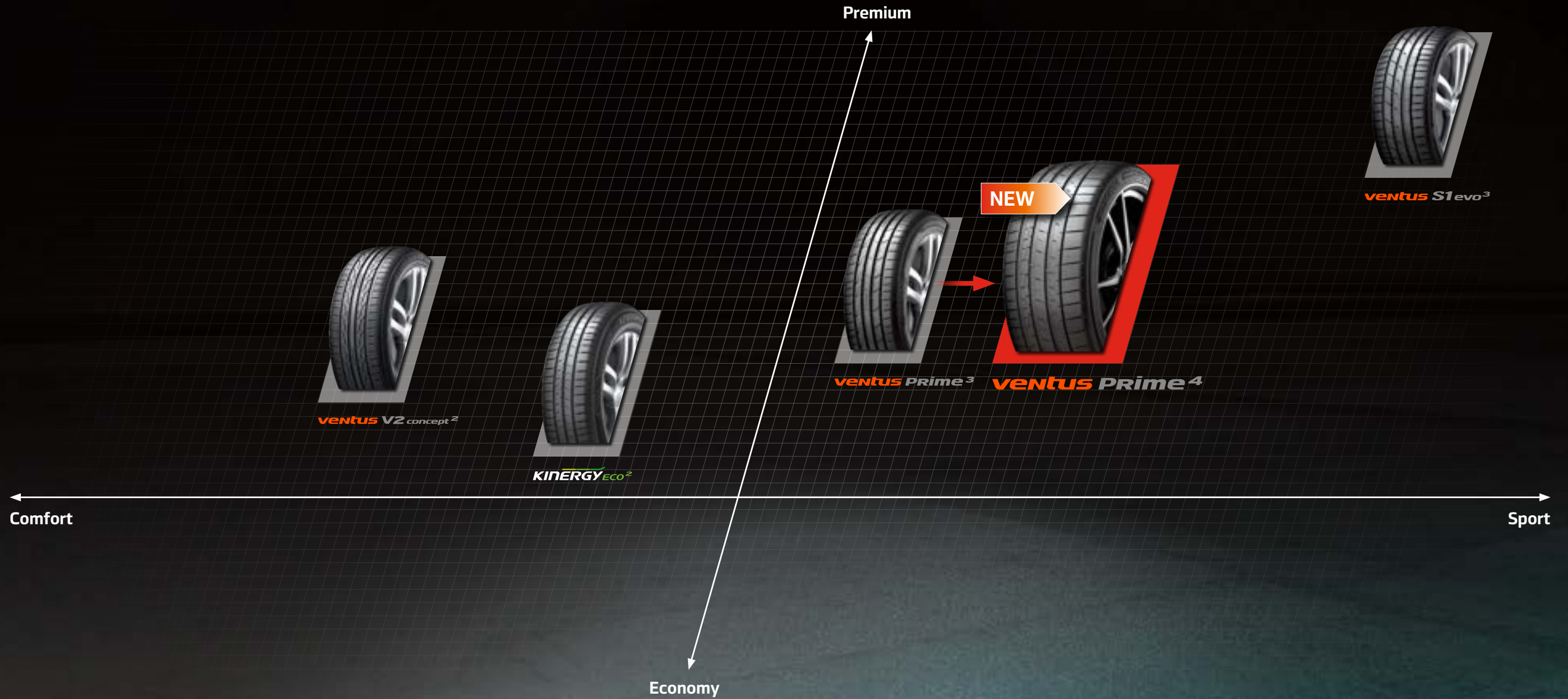
#### Magazine Test

- Auto Bild  
- Very Recommendable ('22)





# Summer Product





Concept

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

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



Product Concept



**Low Noise  
Technology**

**Excellent Mileage**



**Outstanding Braking  
on Wet Roads**



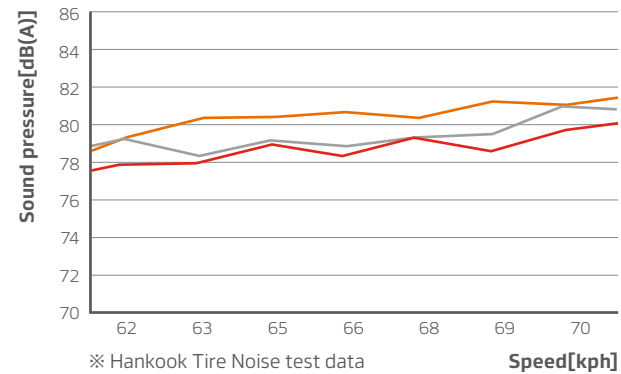
# Low Noise Technology

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

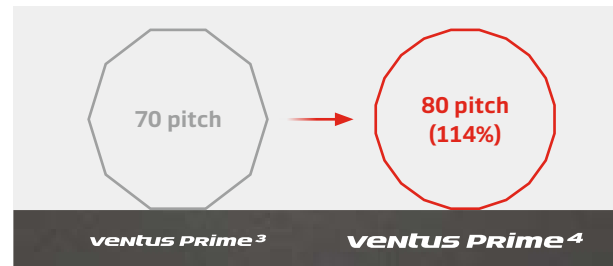
## Low Noise Groove Wall Knurling - Low Noise Technology

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

### Anechoic Chamber



## 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.

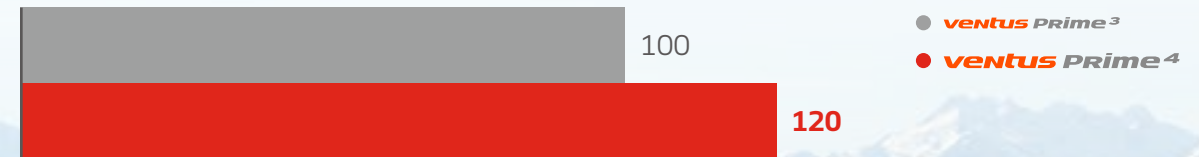




# High Mileage Compound Technology

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

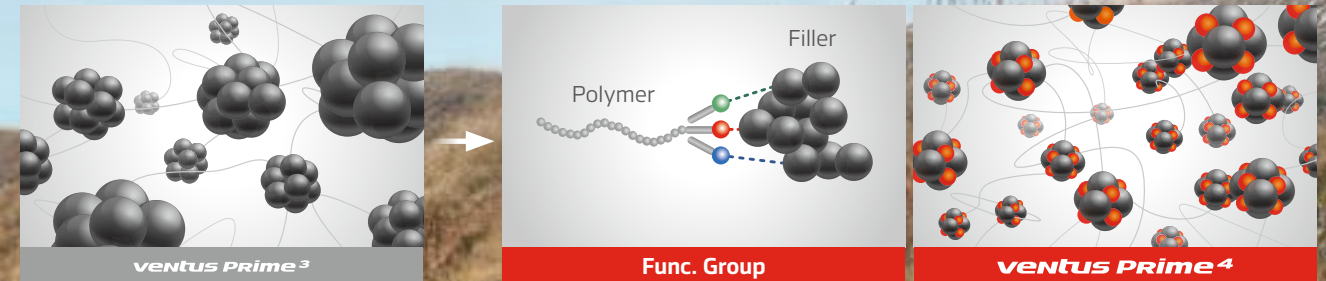
## Mileage Test Results



※ 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.



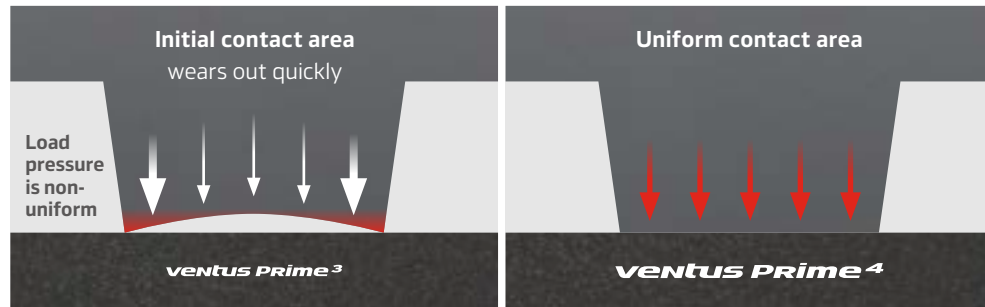


Technology

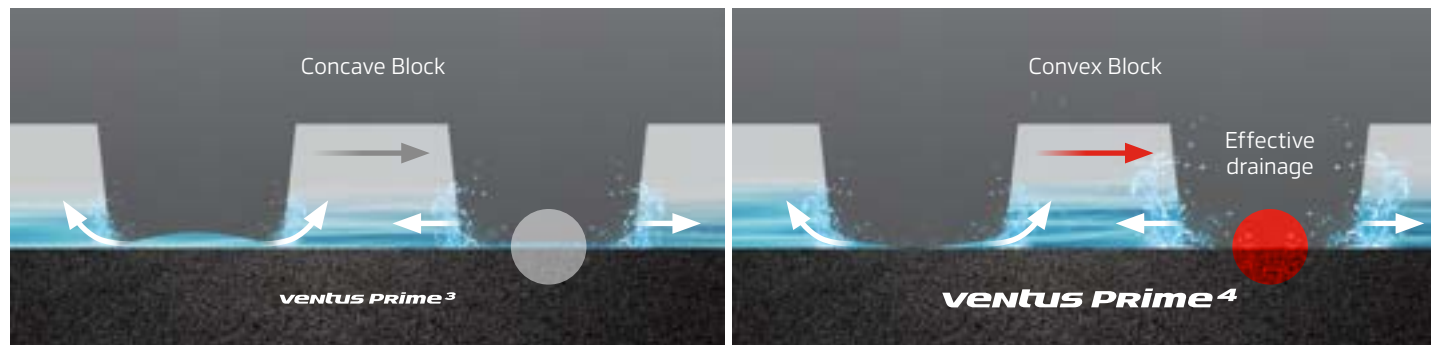
# Outstanding Braking on Wet Roads

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

## Uniform ground pressure



## Excellent drainage in the transverse direction



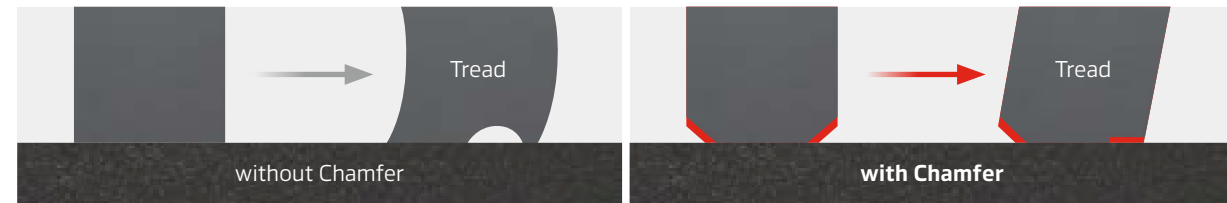




Technology

# Extreme Precision Handling Technology

Curling is prevented by rounding the corners of the tire.



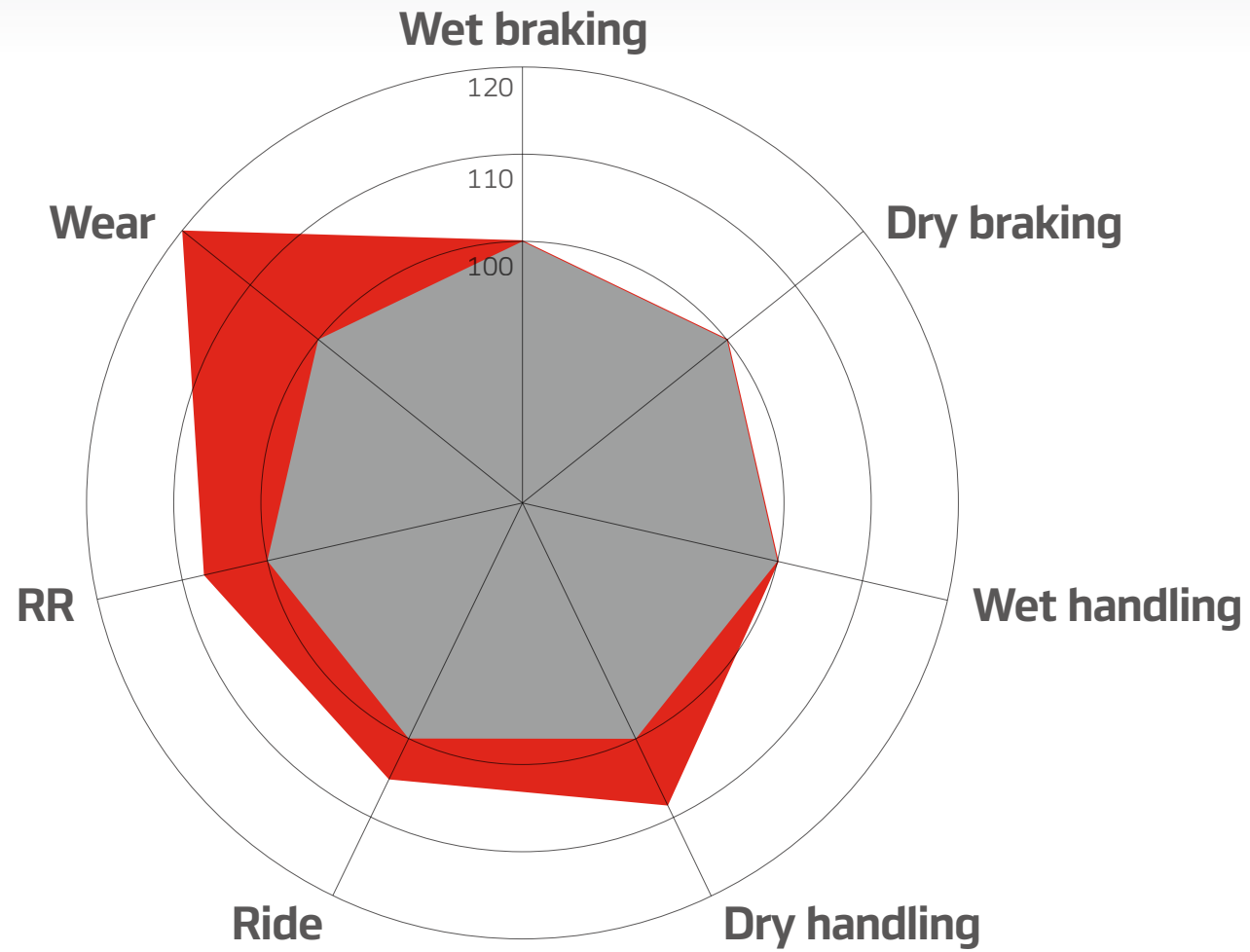
## Zigzag 3D Trend Technology

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





# Performance Results



- **ventus Prime<sup>3</sup>**
- **ventus Prime<sup>4</sup>**

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



# Tire 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 tires. 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 tire has been greatly improved.

## Dual Layer Fibre Stiffener

With the dual structure of the carcass fibre stiffener, the resistance of the tire 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 tire will always remain safely attached to the wheel.



# Available Sizes

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Inch	Series	Size	Pattern
19	45	245/45R19W	K135
	50	235/50R19V	K135A
	55	225/55R19V	K135A
		235/55R19V	K135A
18	35	255/35R18W XL	K135
	35	265/35R18W XL	K135
		275/35R18W	K135
		40	215/40R18W XL
	40	225/40R18W XL	K135
		235/40R18W XL	K135
		245/40R18W XL	K135
		255/40ZR18W XL	K135
		45	215/45R18H XL
	225/45R18W XL		K135
	235/45R18W		K135
	255/45R18W		K135
	50		225/50R18W XL
		235/50R18W XL	K135A
		245/50R18W	K135

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Inch	Series	Size	Pattern
18	55	215/55R18V XL	K135
		225/55R18V	K135A
		235/55R18V	K135A
	60	225/60R18V XL	K135A
17	40	205/40ZR17W XL	K135
		245/40ZR17Y XL	K135
	45	205/45R17V XL	K135
		215/45R17W XL	K135
		225/45R17W XL	K135
		225/45R17Y	K135
		235/45ZR17Y XL	K135
		245/45ZR17Y XL	K135
	50	205/50R17W XL	K135
		215/50R17W XL	K135
		225/50R17W	K135
		225/50R17W XL	K135
235/50R17W		K135	

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Inch	Series	Size	Pattern
17	55	205/55R17V XL	K135
		215/55R17V	K135
		215/55R17W	K135
		225/55R17W	K135
		225/55R17W XL	K135
		235/55R17V	K135A
		60	215/60R17V
	225/60R17V		K135A
	235/60R17V		K135A
	65	215/65R17V	K135A
225/65R17H		K135A	
16	45	195/45R16V XL	K135
		205/45ZR16W XL	K135
	50	195/50R16V XL	K135
		205/50R16V	K135
		225/50R16W	K135

Inch	Series	Size	Pattern	
16	55	185/55R16H	K135	
		205/55R16V	K135	
		205/55R16W	K135	
		215/55R16V	K135	
		215/55R16W XL	K135	
		225/55R16W XL	K135	
		60	195/60R16V	K135
	205/60R16V XL		K135	
	215/60R16V		K135	
	225/60R16W		K135	
	65		195/65R16V	K135
			205/65R16V	K135
		215/65R16H XL	K135A	
15	50	195/50R15V	K135	
	55	195/55R15V	K135	



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