

**hankook**  
driving emotion



## **ventus Prime<sup>2</sup>**

The Cutting Edge Technology Ultra-High Performance Tire



A silver sports car is shown from a low-angle, rear-quarter perspective, driving on a road with a guardrail. The car is in motion, as indicated by the blurred background and the road surface. The sky is a clear, bright blue. The car's design is sleek and aerodynamic, with a prominent rear spoiler and large wheels. The overall scene conveys a sense of speed and modern automotive technology.

# Contents

**Concept**

**Pattern Design**

**Position Map**

**Significant Features & Benefits Summary**

**Kontrol Technology**

**Test Results**

**Available Sizes**

Design Concept

**ventus Prime<sup>2</sup>** Is Leading Edge Technology.  
Developed using a Bionic Oriented Pattern Design.  
Exceptional Wet And Dry Grip



**ventus Prime<sup>2</sup>**

**HANKOOK**  
driving emotion

Pattern Design



Position Map

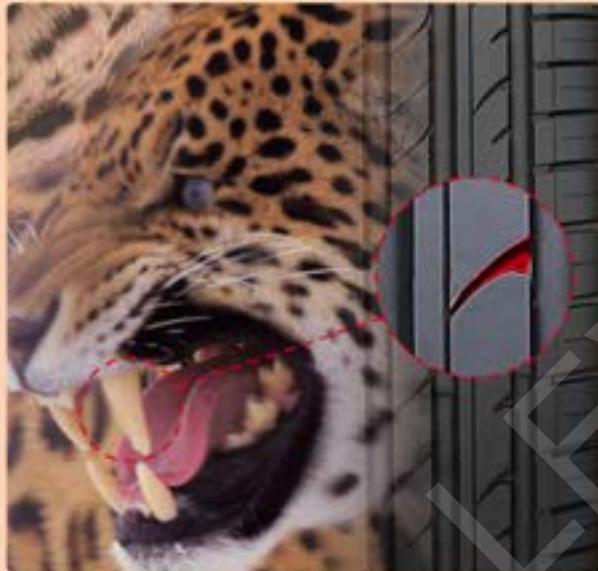


## Significant Features & Benefits Summary



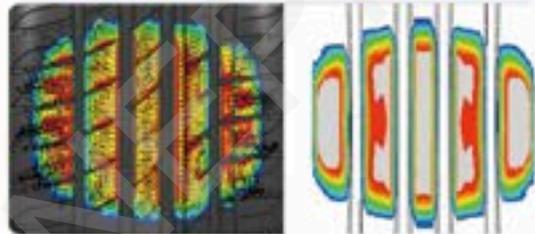
Performance

**Bionic pattern design  
for increased grip  
performance**



Safety

**Enhanced Wet  
Performance  
Technology**



**ventus Prime<sup>2</sup>**

features a triple-radius profile  
that helps maintain maximum  
grip in Wet Conditions.

Enhanced Wet Performance



Environment

**New Generation  
Silica Compound  
Technology**

**Chain End Modified Solution SBR**

Lower Rolling Resistance and Improved  
Braking Performance



**HD-Silica  
[High Dispersible Silica]**

Enhanced Wet Performance



**Environment-friendly  
Compound**



## Bionic Pattern Design for Increased *Grip Performance*

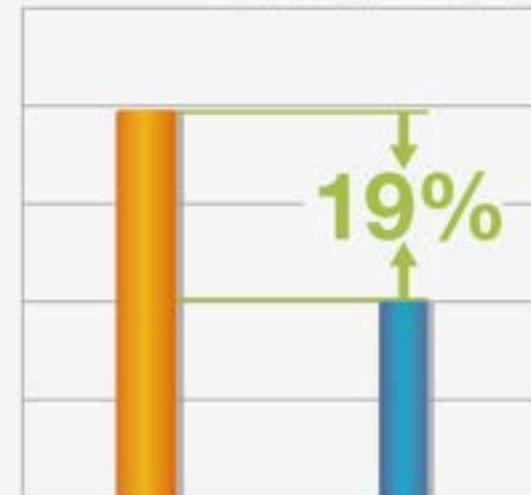
### Jaguar's Tooth Shape Design To Insure to Secure Optimum Grip.

When accelerating and cornering, optimum shoulder grip is maintained by using Jaguar's tooth shape design. This feature allows for better handling in all driving conditions.



### Wet Handling Performance Results

HANKOOK TIRE COMPANY P/G TEST



ventus Prime 2

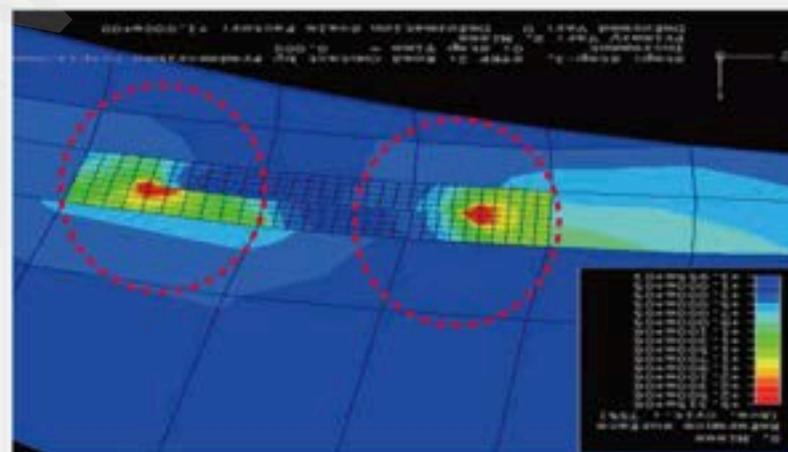
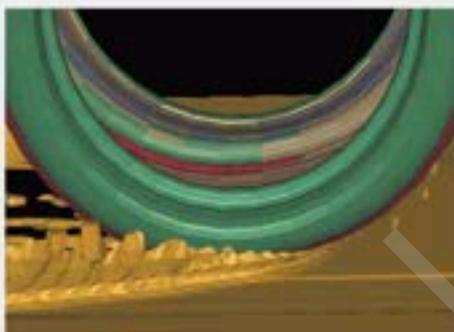
Conventional

Optimal Wet Performance - Piece-Of-Mind  
- *Security Tech*



**3R System**  
(Multi Tread Radius Technology)

**ventus Prime<sup>2</sup>** features a triple-radius profile that maintains maximum grip at top speed or during sharp turns on the wet conditions.



**ventus Prime<sup>2</sup>** features a triple-radius profile that maintains maximum grip in Wet Condition ➡ *Enhanced Wet Performance*

## New Generation Silica Compound Technology

### New Generation Silica Compound Technology

New Generation Silica Compounding Technology was developed by combining advanced materials and innovative mixing techniques that disperse nano-scale reinforcement additives such as silica. These technologies improve both fuel efficiency and wet performance.



### Chain End Modified Solution SBR

*Lower Rolling Resistance &  
Greater Braking Performance*



### HD-Silica [High Dispersible Silica]

*Enhanced mileage  
performance*

### Environment-friendly Compound

*Minimized Poly Aromatic  
Hydrocarbon*

Kontrol Technology provides a wide range of **driving benefits across four areas** that consumers identify as key when choosing tires : **Performance, Safety, Comfort** and a tire's impact on the **Environment**

### Performance

Handling Traction



Performance

### Safety

Braking  
Durability  
Hydroplaning



Safety

### Comfort

Ride  
Noise, Vibration,  
Harshness



Comfort

### Environment

Mileage(Wear)  
Treadwear Fuel Efficiency  
Fuel Efficiency

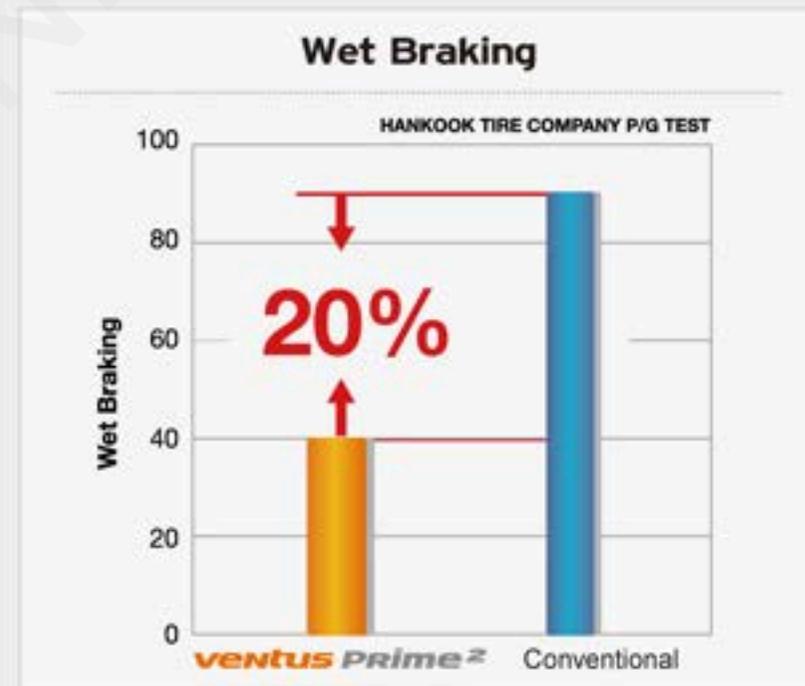
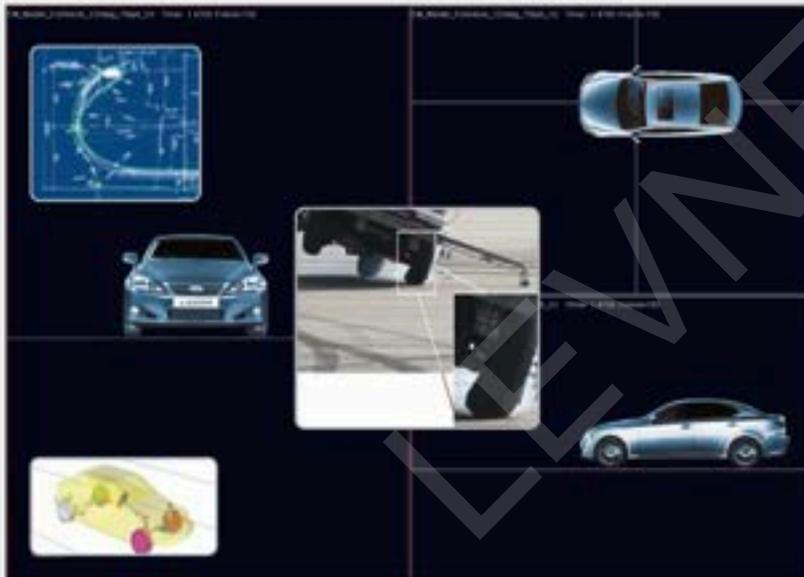


Environment

### Optimal Wet Conditions Technology

'GripTech' Technology is applied to **ventus Prime<sup>2</sup>** for Premium Performance.

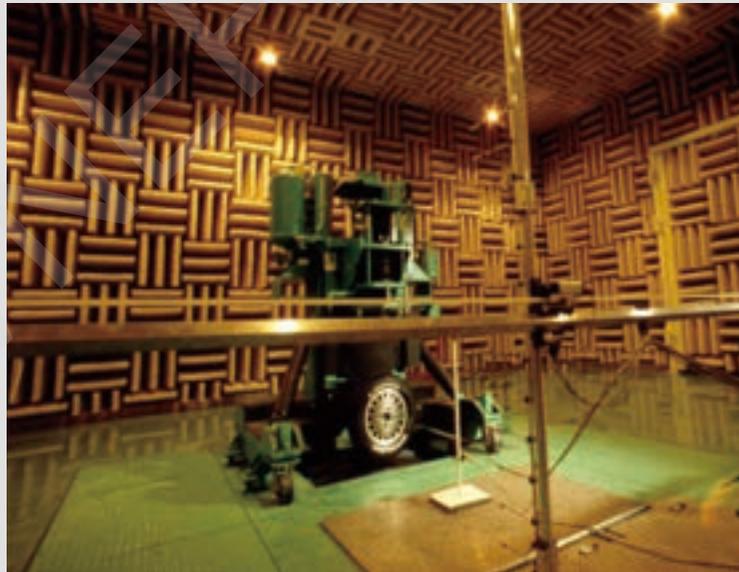
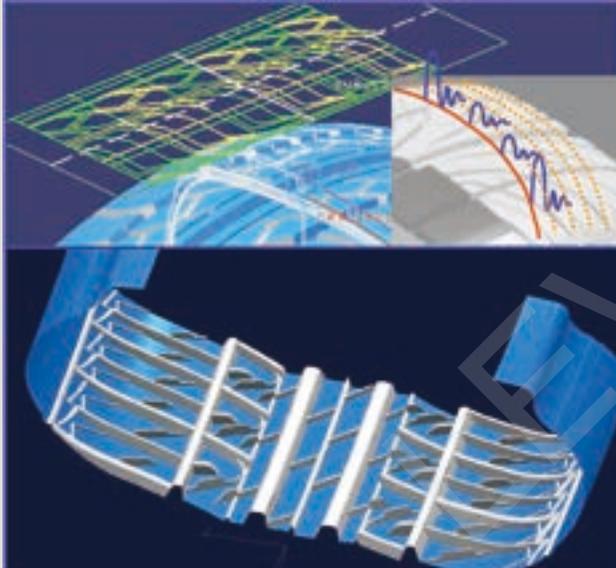
'GripTech' Technology helps to maximize wet handling and braking performance.



### Quiet Ride Technology

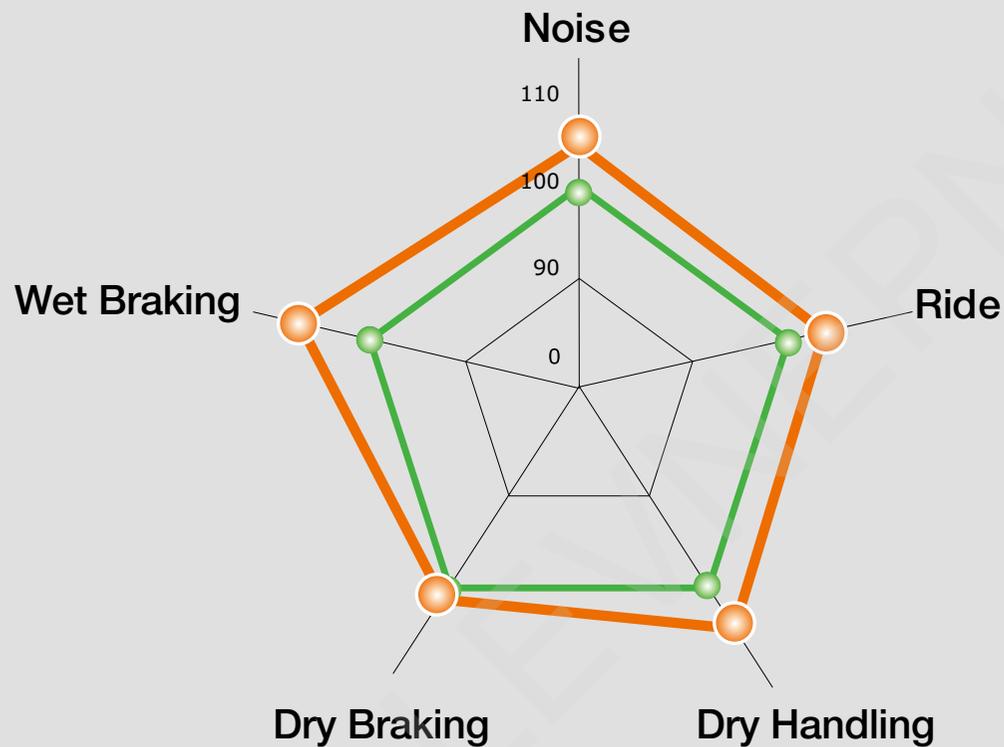
Hankook developed **ventus PRIME<sup>2</sup>** for Minimum Road Noise.

Hankook gathered vast amounts of noise test data during the development of **ventus PRIME<sup>2</sup>** in order to engineer the quietest tire possible.



## Test Results

**Making much of comfort, but never compromising other performances**



### Feeling Test

Item	Conventional	
Noise	100	104
Ride	100	104
Dry Handling	100	104
Dry Braking	100	101
Wet Braking	100	108

- OPTIMO ME02
- Conventional



LEVNERNEU.CZ