



ventus ME01

Luxury and Comfortable Ultra high performance tire



Contents

- Concept
- Pattern design
- Design feature
- Technical presentation
- Test results
- Available sizes



Design concept

Luxury Comfort UHP

ventus ME 01 makes you feel safe and comfortable by ensuring quiet and excellent riding.

Experience **ventus ME 01**, the result of performance optimization of the asymmetric pattern.

High temperature durability by adopting the specially formulated tread compound.



ventus ME 01

HANKOOK
driving emotion

Pattern design



Luxury Comfort UHP

ventus ME 01

HANKOOK
driving emotion

Silent

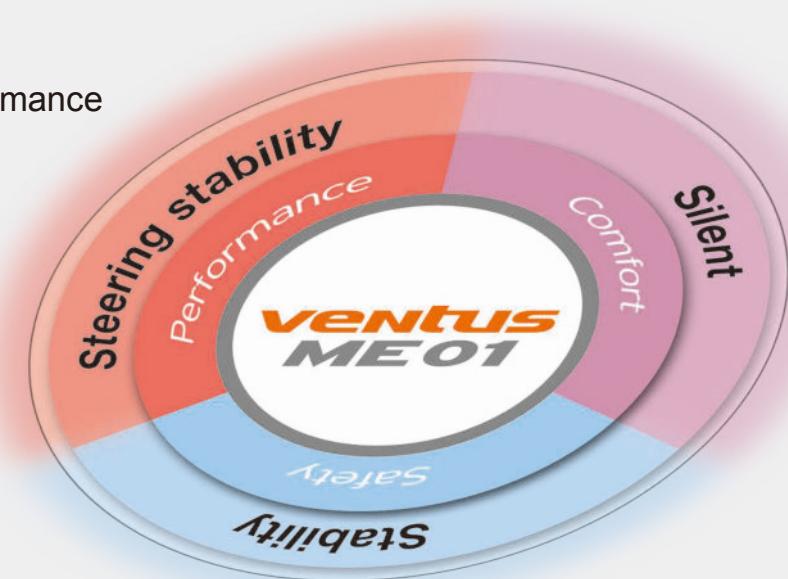
It ensures quiet and comfort riding by minimizing and noise.

Durability

It secures stability by improving the heating durability for high-temperature areas such as the Middle East.

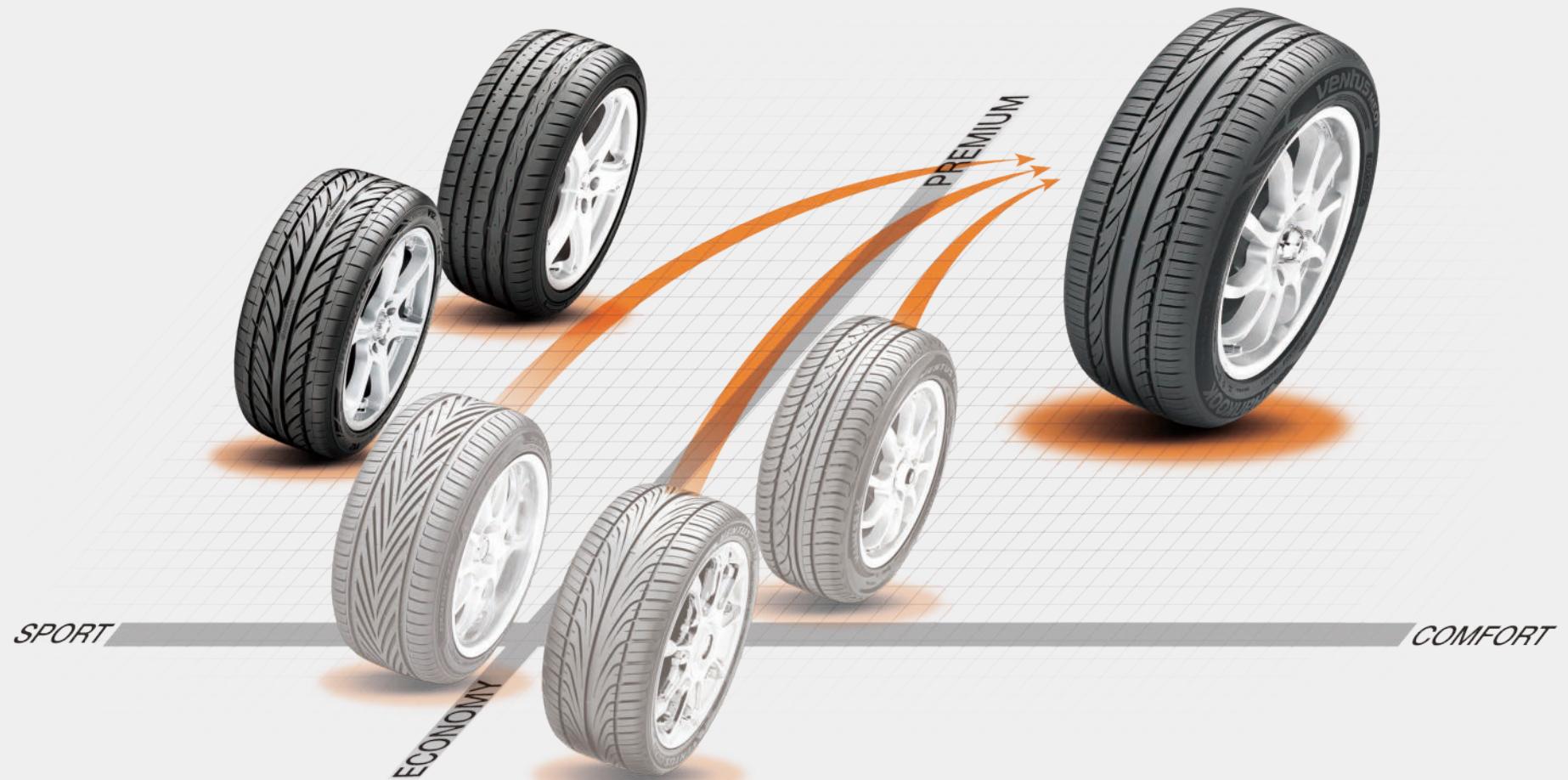
Asymmetric pattern

It adopts a high design standard and delivers optimal IN/OUT performance by adopting the asymmetric pattern.



VENTUS ME01 Position map

Luxury Comfort UHP



ventus ME 01

HANKOOK
driving emotion

Kontrol TECHNOLOGY



Performance



Safety



Comfort



Environment

Kontrol Technology is a philosophy as well as set of proprietary innovations – applied throughout research, development and production – developed by Hankook Tire to ensure controlled driving experiences.

The 'K' denotes 'kinetic' and reflects the idea that the interaction of the tire with the road while in motion lies at the heart of driving control and performance.

In order to provide enhanced benefits to customers and fundamental to its business, Hankook Tire applies the highest standards of quality to all its products in terms of safety, driving comfort, handling, performance and environmental friendliness.

No matter what the situation, whether performing at the highest level of world motor sports or driving your children to school on a rainy day, Hankook Tire strives to provide its customers with tires that control the vehicle perfectly.

VENTUS ME01 is an example of a tire embodies Kontrol Technology.

VENTUS MEO1 Applied technologies

Performance

- 1. Asymmetric pattern**



Performance

Safety

- 1. Improvement of steering stability**
- 2. Heat-resistant Rubber Compound (HRC)**
- 3. Low heat build-up**
- 4. SCCT**
- 5. Multiple Tread Radius**



Safety

Comfort

- 1. Optimal pitch arrangement**
- 2. Pattern Stiffness optimization**

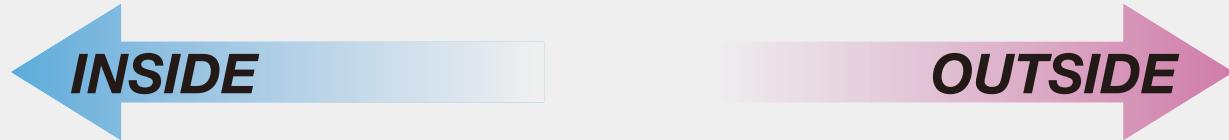


Comfort

Asymmetric pattern



Safety



It enhances Noise/Comfort performance through Optimized pattern design.

It delivers excellent performance through Block Stiffness optimization.

It adopts the optimal 4-Channel Groove by SCCT and Multiple Tread Radius technology for Pattern Stiffness Optimization.



It improves handling ability considerably by applying high pattern stiffness and contact ratio.

It delivers excellent Dry Handling performance through the Shoulder Block width increase and contact space increase.

Safety

Luxury Comfort UHP

Improvement of steering stability



Safety

Adoption of Center Rib

It shows outstanding steering stability on dry roads by adopting the Center Rib.



ventus ME 01

HANKOOK
driving emotion

Safety

Luxury Comfort UHP

Low heat build-up



Safety

HRC secures abrasion resistance and high reinforcement by applying the small particle corpuscle carbon black. It offers low heat generation and reduces the rolling resistance.



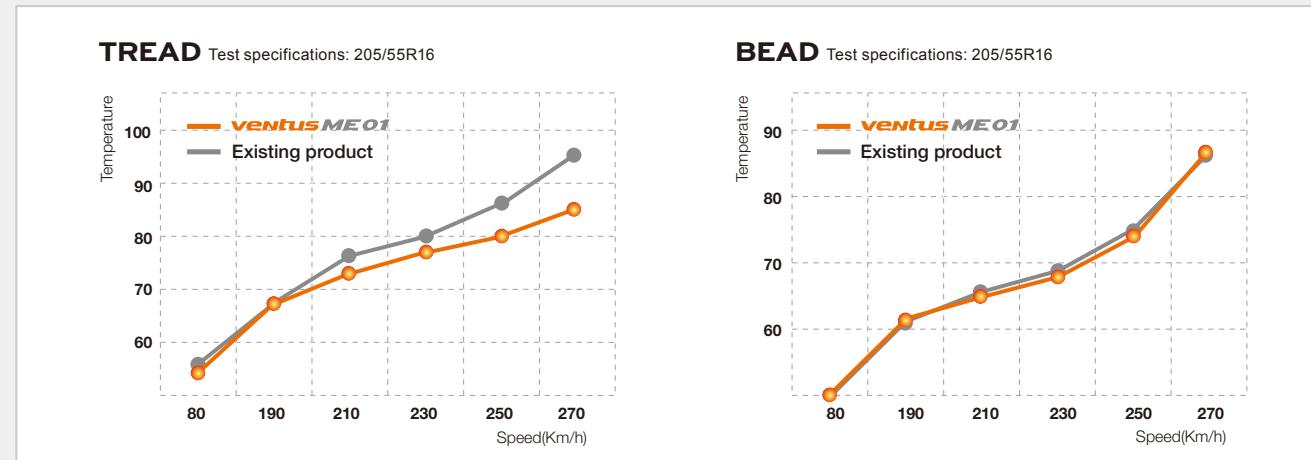
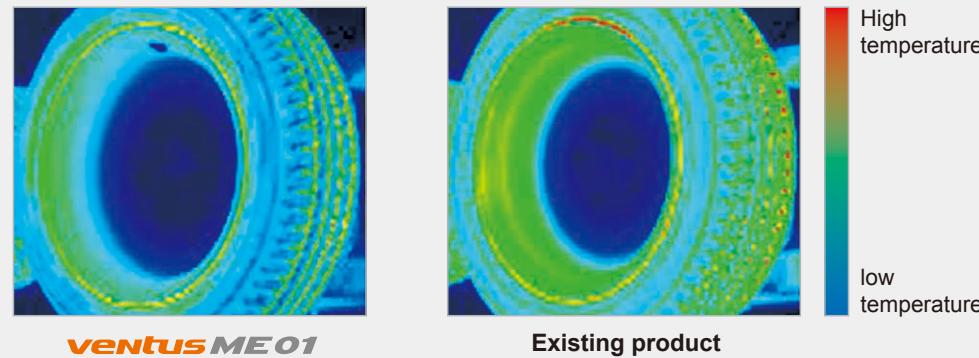
ventus ME 01

HANKOOK
driving emotion

Low heat build-up



The heating of VENTUS ME01 was measured to be lower than that of existing product's on the Tread and Bead part.

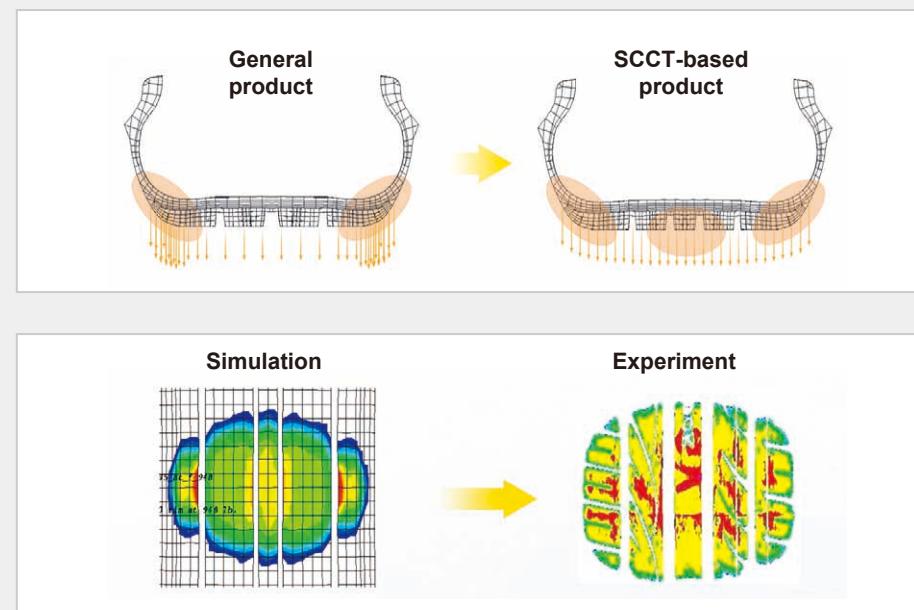
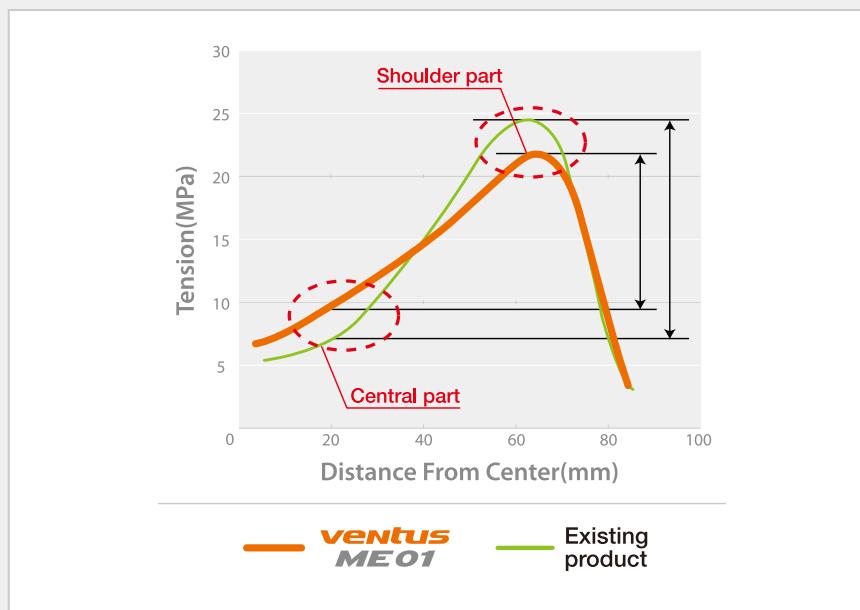


SCCT (Stiffness Control Contour Theory)



Safety

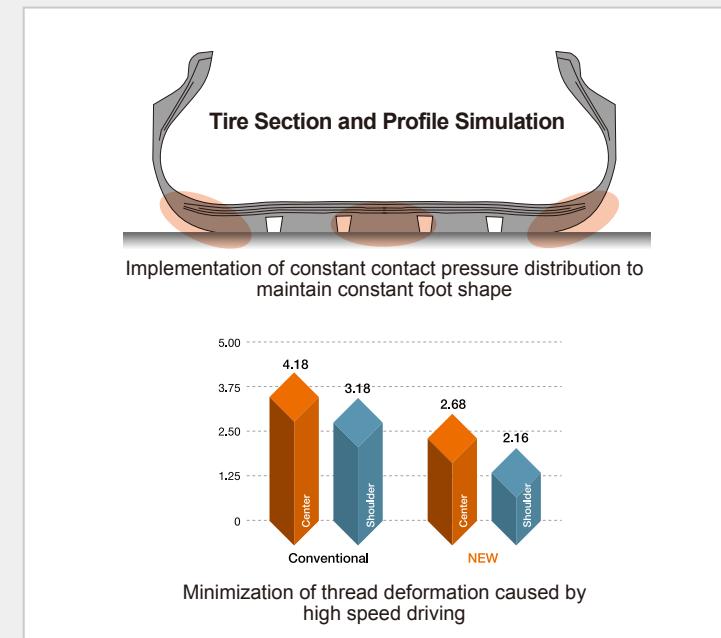
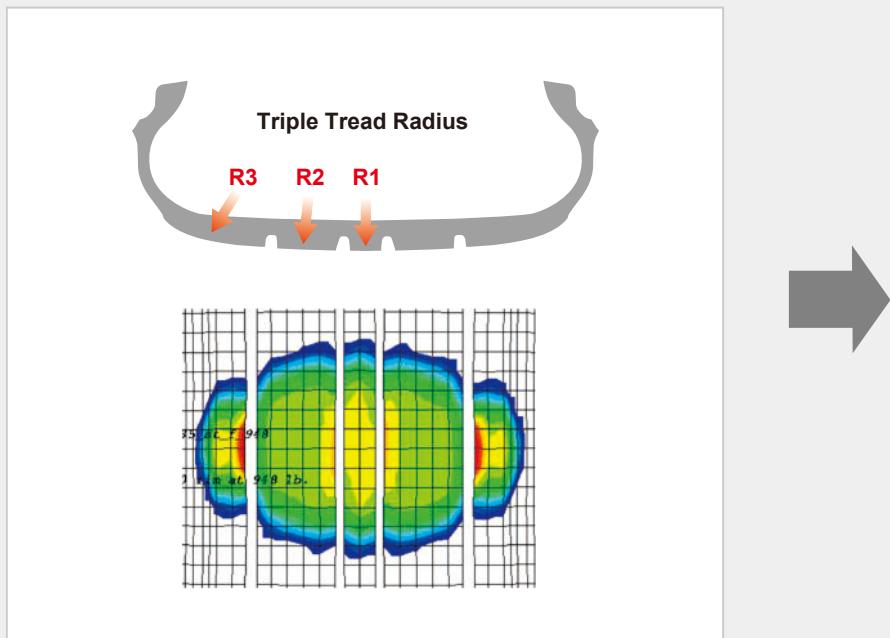
It boasts of more balanced foot shape and pressure and displays excellent steering stability during cornering and braking by applying Hankook Tire's unique profile design technique, the Stiffness Control Contour Theory (SCCT), and an optimal contact pressure design technique.



Multiple Tread Radius



It boasts of an optimal foot shape and enables contact pressure distribution by minimizing the belt truss transformation and bead transformation through the SCCT (Stiffness Control Contour Theory) Profile technique.



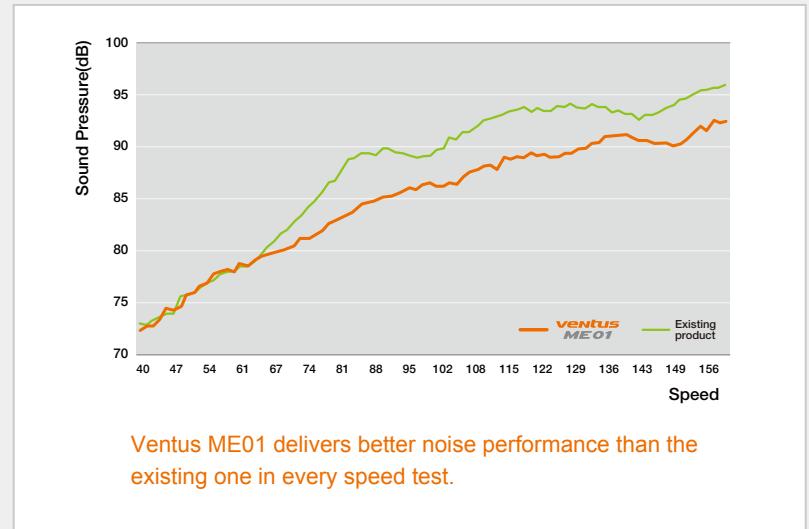
Comfort

Luxury Comfort UHP

Optimal pitch arrangement



It applies the optimal six rows of Pitch Variation for excellent noise performance.



Ventus ME01 delivers better noise performance than the existing one in every speed test.

ventus ME01

HANKOOK
driving emotion

Comfort

Luxury Comfort UHP

Pattern Stiffness optimization



It adopts the optimal 4-Channel Groove by SCCT and Multiple Tread Radius technology for Pattern Stiffness Optimization.



ventus ME 01

HANKOOK
driving emotion

Application of the SCCT Profile design technique for advanced durability and weight down

It adopts the optimal Tread Compound (natural glass) that meets both RR and noise/comfort requirements.

It adopts Ventless Mold (MSV) technology to improve appearance/noise performance.

Twofold Jointless Full Cover

- It improves durability and breaking performance.
- It improves steering stability by maintaining the equal foot shape tread part.

Weight down/Solid belt cord

- It improves fuel efficiency and steering stability.

It applies the Rim Protect Bar for aggressive appearance and rim protection.

High Hardness Bead Filler

- It improves durability and steering stability.



