

ventus ST

Rim protector

Provides better protection against outer shock or scratches.

Jointless two-cap ply

Improve uniformity for smooth ride and durability.

Wide, high-tensile steel belts

Enhance tread strength for steering response and wear life.

Jointless bead wire

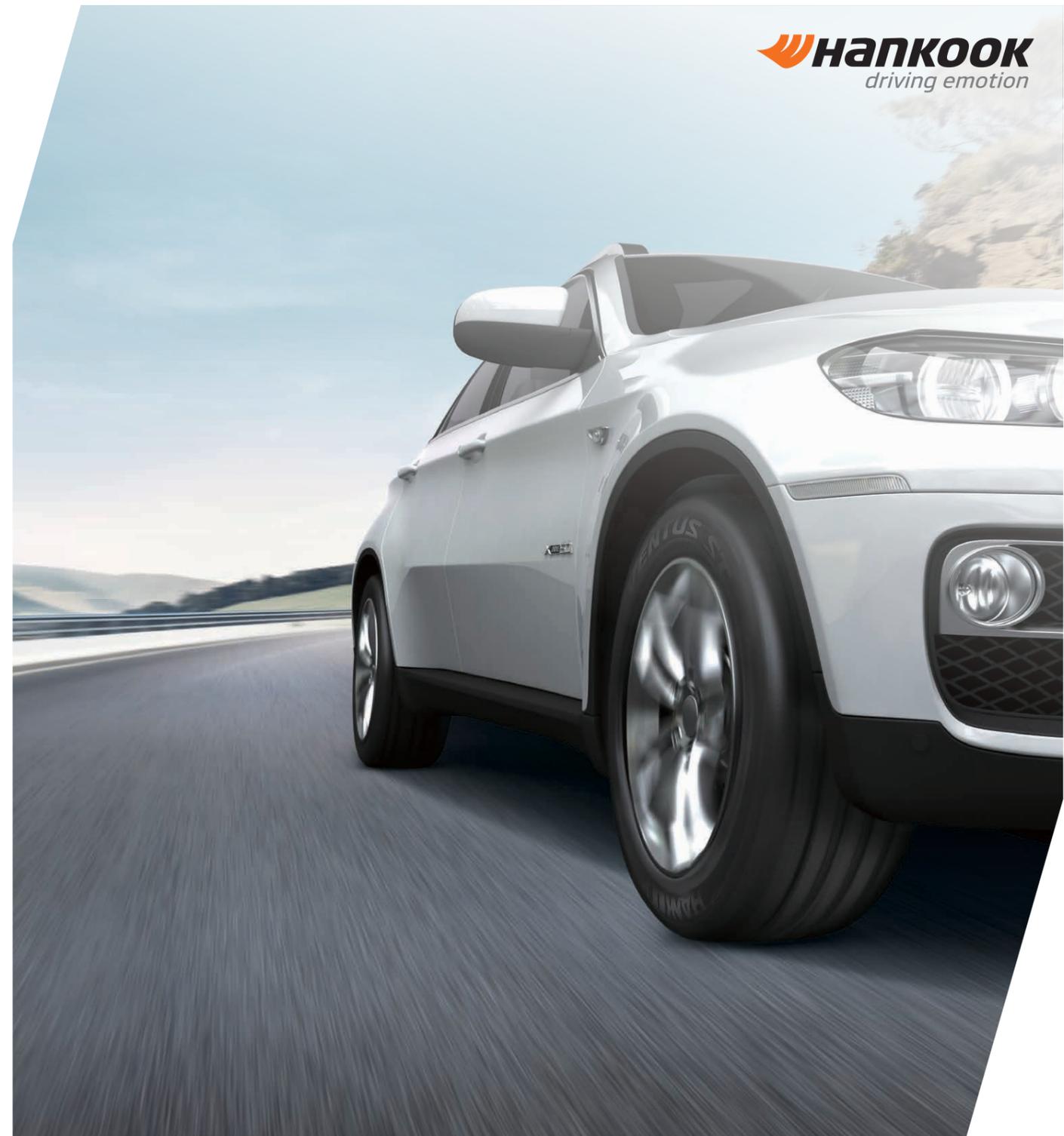
Improve high speed stability and provide comfortable ride.

High bead filler

Maximize steering response, high speed stability and durability.



HANKOOK
driving emotion



ventus ST

Experience a new excitement with
luxury Ultra high performance tires
for sport utility vehicles

Hankook Tire & Technology



Luxury performance you can feel!

The VENTUS ST has a lot going for it - inside and out. Computerized tread design and high-tech compounding combine to make the VENTUS ST a world-class competitor in the growing high performance SUV marketplace.



Kontrol Technology is Hankook Tire's technology philosophy which reflects how the tire should perfectly control the interaction between the driver, the car and the road while in motion. It is implemented to ensure Hankook Tire provides the greatest benefits and driving experiences to customers in terms of safety, driving comfort, handling, performance and environmental friendliness. VENTUS ST is an example of a tire embodies Kontrol Technology.

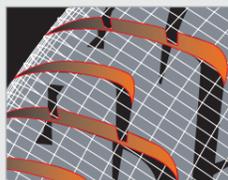
Design features

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Tread design

Innovative high performance SUV tire sports a V-shape design for superior handling in both dry and wet road conditions. Compound and overall construction yield optimum traction on all road surfaces, outpacing the competition.



Noise

Pattern noise is minimized thanks to a newly developed multiple sub pitch concept ; the first application of DDPT (Dual Depth Pitch Theory). Combined with a 5-pitch arrangement ensures superb driving acoustic comfort.



Wear life

Combining computerized ply line development with footprint shape optimization provides outstanding tread wear levels, unusual for a high performance tire.



Test result

Hankook's VENTUS ST towers over the competition in virtually all road and weather conditions. In a series of independent tests, the VENTUS ST excels on wet and dry road surfaces, and comes out on top in rigorous consumer wear testing. Check the results for yourself and feel the performance!



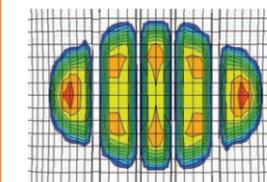
Compounding

Special high-grip tread compound yields excellent dry and wet traction.

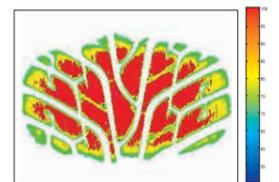


Controlled footprint shape

Targeted footprint was achieved through a computerized simulation tool-a critical step in reaching an unparalleled level of performance.



FEA(Finite Element Analysis) Simulation data



Actual footprint data