

HANKOOK
driving emotion



KINERGYST
Standard touring all-season



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Features and performance information

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New standard touring all-season **KINERGYST**

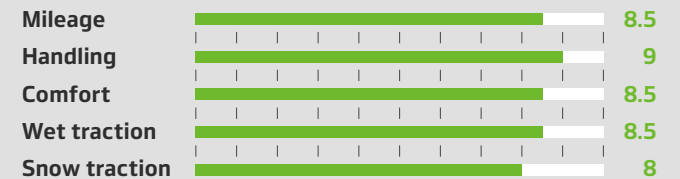


Technology icon

Alignment indicator	Tie bar	Low noise	Compound

Performance icon

Mileage	Dry handling	Wet handling	Comfort	Durability



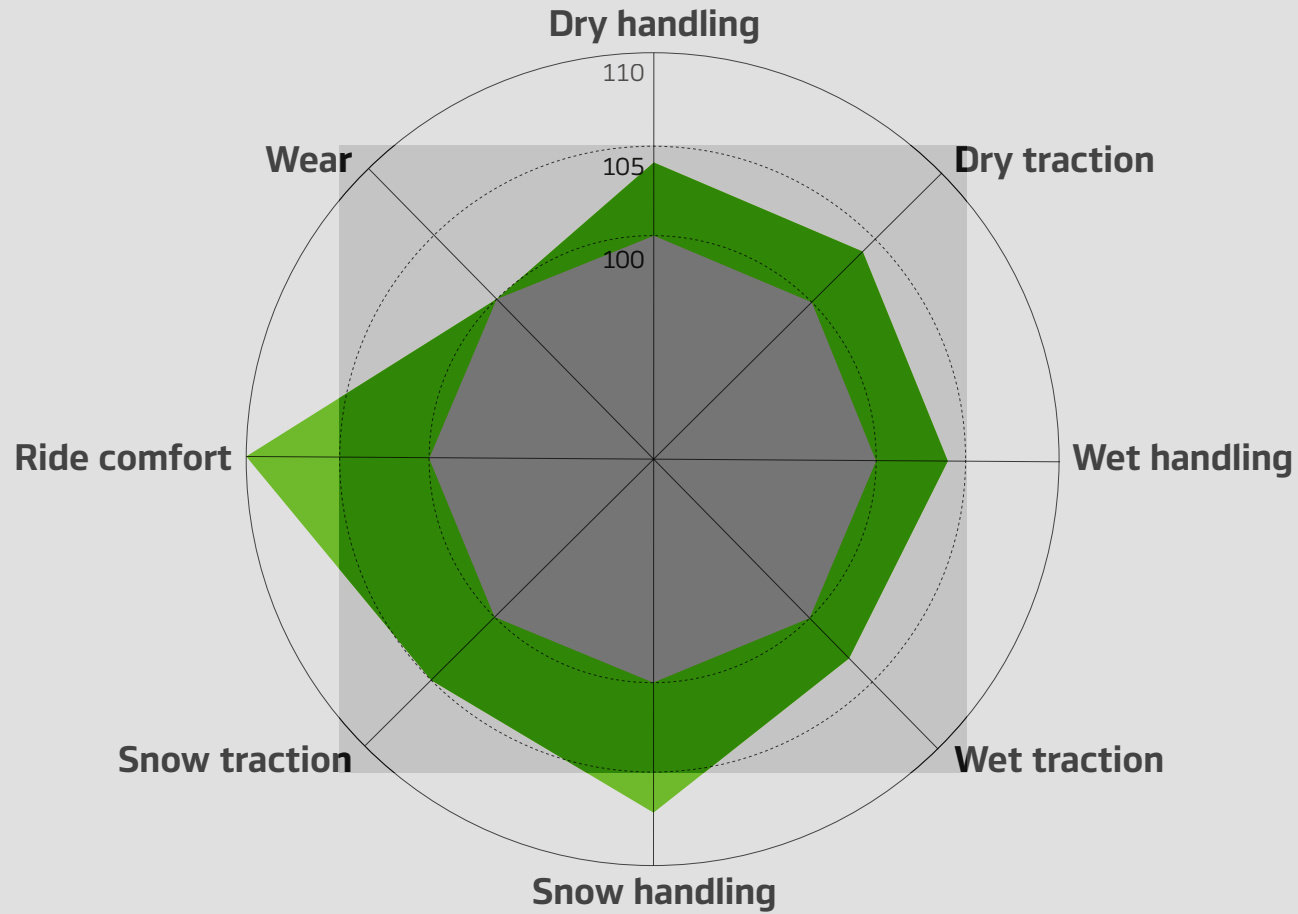
Technical profile

Series : 50~75
 Inch : 13~17
 Speed symbol : T, H
 UTQG : 680/A/A

Key performance

Improvement in performance compared to predecessor.

■ Conventional
■ **KINERGY ST**





Mileage



Comfort

Long mileage and comfortable ride



Dry handling

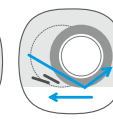


Dry braking

Dry performance



Wet handling



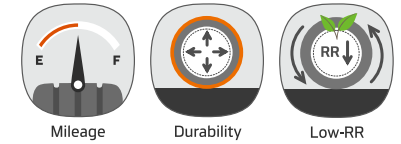
Snow traction

Wet and snow performance



Standard touring all-season tire for all road

Long mileage



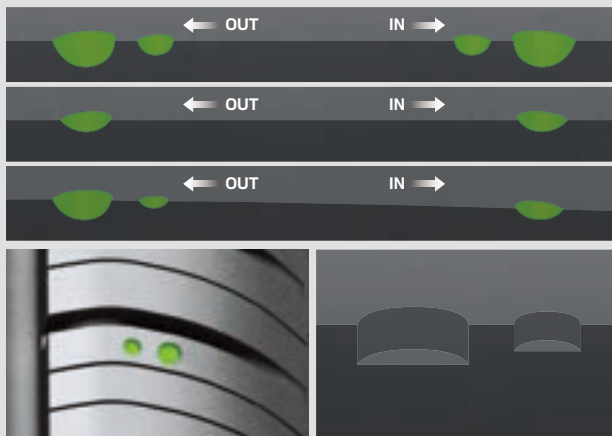
A Optimized block stiffness



Optimized tread block stiffness ensures enhanced durability and tread uniformity for improved handling performance and mileage.

B VAI (Visual Alignment Indicator) system

The visual alignment indicator siping system provides an easy way to check tire alignment. Compares the wear on the sipes located on both of the tire's shoulders and then realign as necessary.



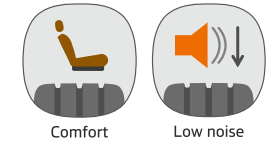
Before use

After use
(regular wear)

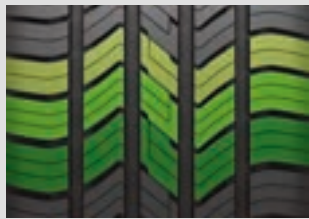
After use
(irregular wear)



Ride comfort



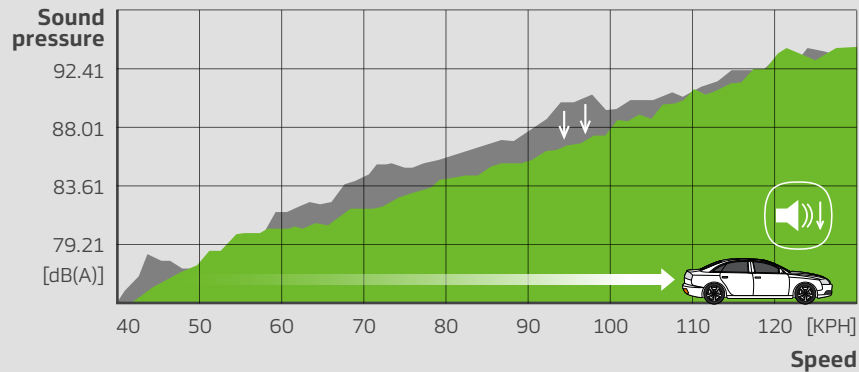
C Optimized pitch sequence



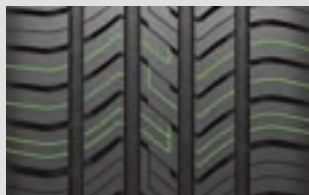
S - pitch
M - pitch
L - pitch

Its specific pitch sequence reduces road noise.

■ Conventional ■ KINERGY ST



D Optimized sipe design



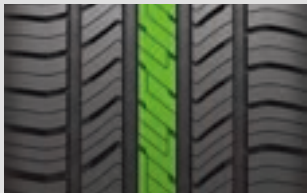
Multiple sipe improves riding comfort and reduces pass by noise.



Dry performance



E Solid center rib



A rigid center rib provides excellent grip for outstanding dry handling and braking performance.

F Tie-bar

A block applied to the tie-bar of out lateral groove provides excellent handling and braking.



Conventional

KINERGYST

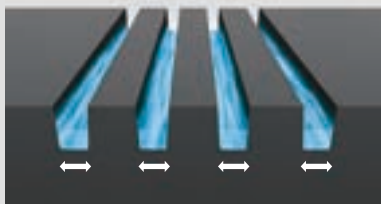


Wet performance

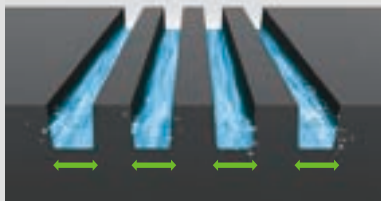


G Wide circumferential 4 channel grooves

Wider grooves provide maximum water evacuation which promotes wet traction.



Conventional



KINERGY ST

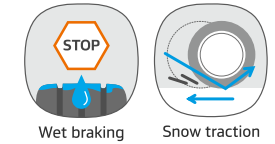


H Open shoulder and wide aqua grooves

Wide lateral grooves incorporated into the tire's tread ensure hydroplaning resistance for excellent wet handling and braking.

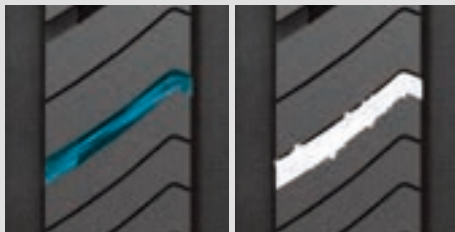


Wet and snow performance



I Traction grooves design

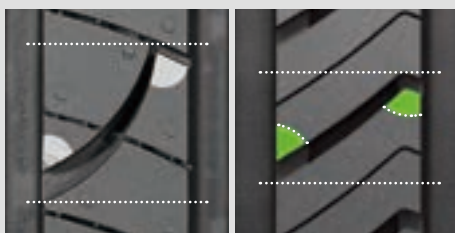
Wide lateral grooves provide excellent wet braking and enhance snow traction.



Wet

Snow

Obtuse angle prevents irregular wear on the block.



Conventional

KINERGY ST



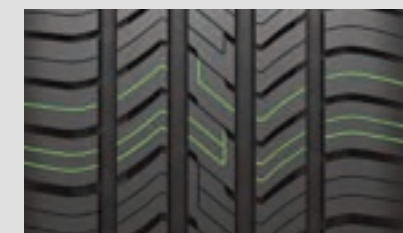
J Notch sipes

Create biting edges offer great all-season traction in wet, dry and snowy conditions.



K Variable angle of sipes

Extended kerf length improves driving performance on light snow condition.



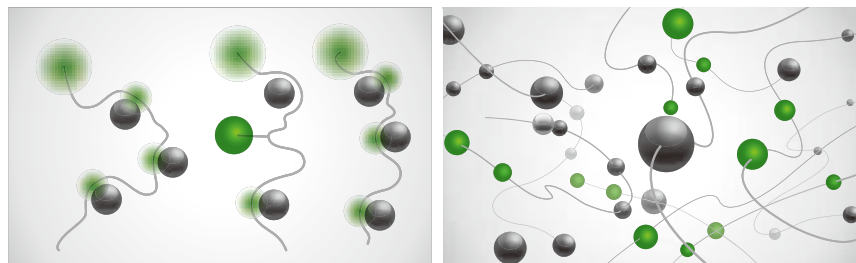
Compound

Dual filler system ensure low rolling resistance, improved tread wear and well-balanced handling performance. KINERGY ST additionally provides excellent winter performance with low tg polymer.

Dual filler system

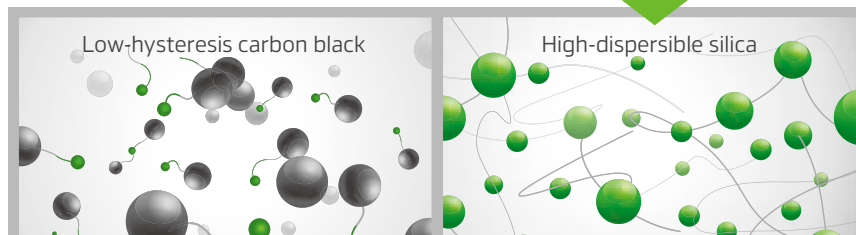
By using dual filler system, KINERGY ST offers well-balanced dry and wet handling performance and longer tread life.

- Low-hysteresis carbon black
- High-dispersible silica



Conventional

KINERGY ST

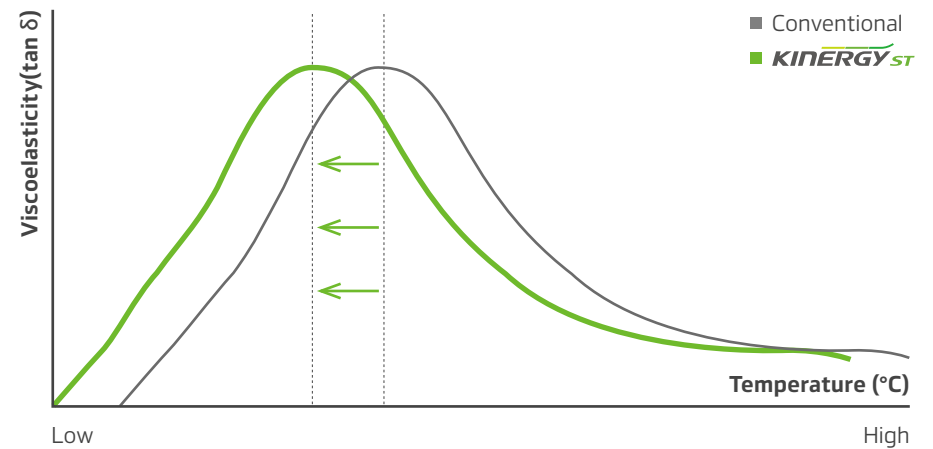


· Low-hysteresis carbon black provides low rolling resistance, delivering high mileage to drivers.

· Optimized silica-polymer network
· High-dispersible silica improves wet performance with enhanced grip on road.

Low tg polymer

Low tg polymer improves snow handling and braking performance.



Low tg polymer provides excellent stability in lower temperature which delivers enhanced winter performance.

Tire structure

Abrasion resistance tread compound

Improves abrasion resistance.

Jointless full cover reinforced belt

Optimized strength to improve tread stability even at high speed.

Wide 2 steel belts

Improved tread stiffness for better handling / braking performance.

Parallel carcass line

Stiffer sidewall and minimize sidewall deformation.

Belt folded edge tape

Increase belt stability.

High-stiffness bead filler

Stiffer sidewall for improved steering response.

Strong jointless bead wire

Enhanced bead uniformity.



