



OFFICIAL TIRE OF
MAJOR LEAGUE
BASEBALL



KINERGY 4S²

Just one, whatever the weather

60K
warranty

**ROAD
HAZARD
WARRANTY**

**30 DAY
FREE
TRIAL**



Meets the severe snow service requirement of the
U.S. Tire Manufacturer's Association (USTMA)



Contents

Features and performance information

Key performance

Product concept

Key benefits

Design features

Technical and presentation

Tyre structure

Available sizes



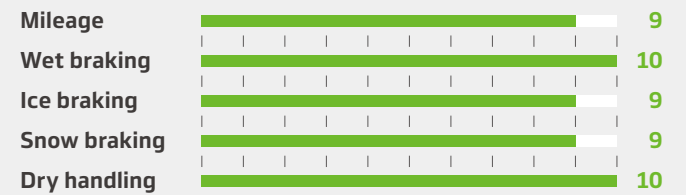
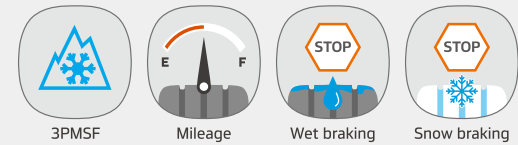
KINERGY 4s²



Technology icon



Performance icon



Technical profile

Speed symbol : H, V, W, Y
 Tread width : 185-245
 Series : 35-70
 Rim diameter : 15-20

Product concept

Just one, whatever the weather

Just one, whatever the weather

Long-lasting driving with well-balanced performance throughout the year.



Dry performance



Wet performance



Snow performance



Long mileage



KINERGY 4S²

HANKOOK
driving emotion

Multi-performance harmony for 4 seasons

Summer

Broad-lateral groove
(Water escape accelerator)

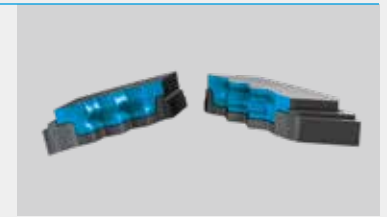


High-density summer sipe

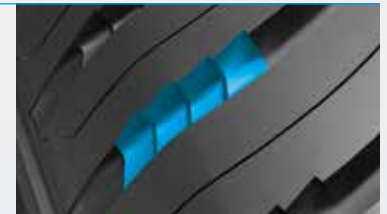


Winter

3D winter sipes



The slush edge and serrated edge groove



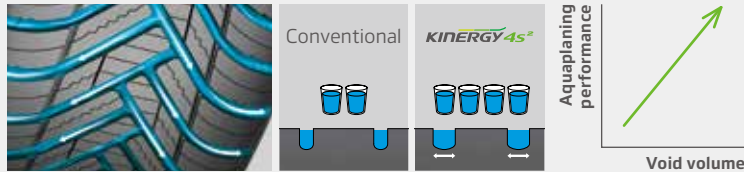
Design features

Broad-lateral groove

Wide lateral grooves help improve wet performance and the concave tie-bar ensures dry performance.

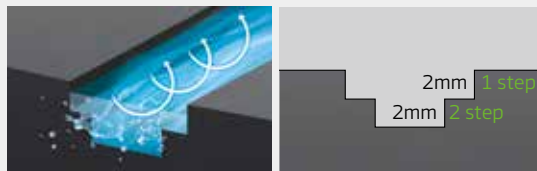
A Wide lateral grooves (water escape accelerator)

Improved drain performance with wide and high angled grooves.



B Two-step aqua slant

Drain effectively while retaining the stiffness of the block.



C Concave tie-bar

Improve block stiffness by 4% and provide better handling performance.



Design features

Cutting edge design

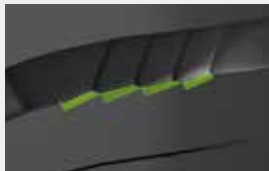
Unique tread design not only provides stylish driving but also improves snow and wet performance.

D Unique V-shaped tread design

Well-connected grooves and 2-in-1 blocks enhance biting edge and digging force.



E Serrated edge groove



Serrated edge design at the end of the tread block maximises the edge effects and enhances winter driving performance.

F The slush edge

The edge design, located on the groove enhances cornering performance in snow.



 Conventional
 KINERGY 4S²



Design features

2 different 3D sipes

2 different 3D kerfs have been applied to deliver reliable handling in high speed driving and minimise abnormal wear.

G High-density summer sipes

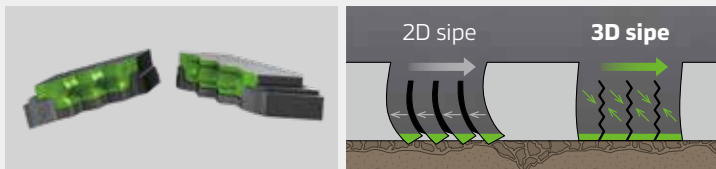
Enhanced block stiffness provides better driving performance on dry roads.



Winter + Summer Winter Summer

H 3D winter sipes

Serrated winter sipes at the end of the tread provides improves braking performance in winter driving.



Increasing of pitch count

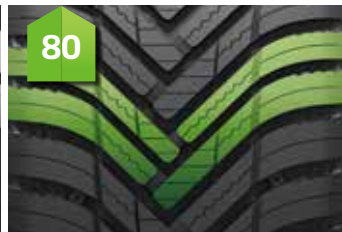
Optimised pitch variation technology ensures lower noise level and better snow traction.

Increasing of pitch number

By applying more pitches on the tread the snow braking performance is improved.

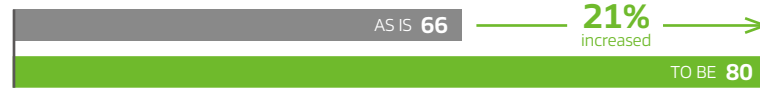


Conventional



KINERGY 4S²

Pitch numbers

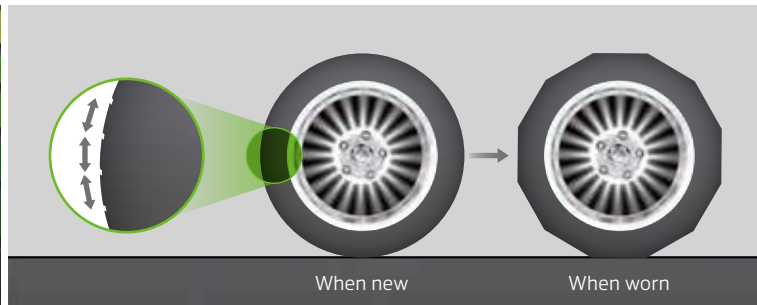


■ Conventional ■ **KINERGY 4S²**

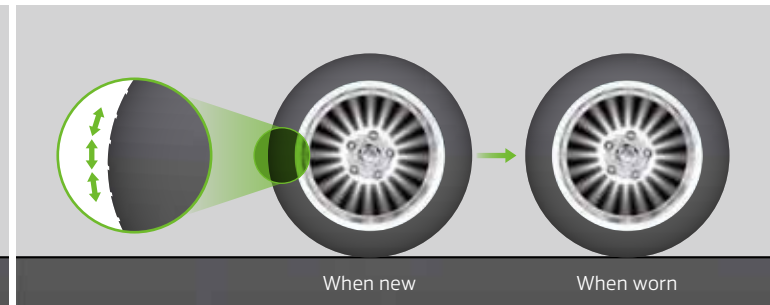
Helps effectively bite into the snow and improve the traction performance of the tyres.

Pitch variation technology

Optimised pitch variation technology provides more comfortable driving.



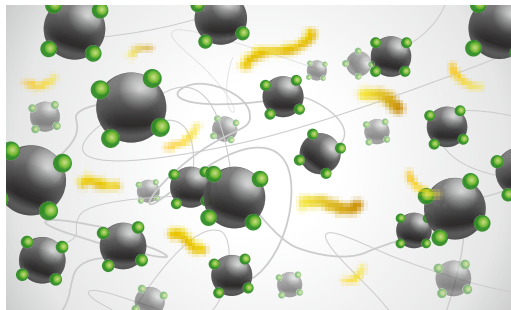
Conventional



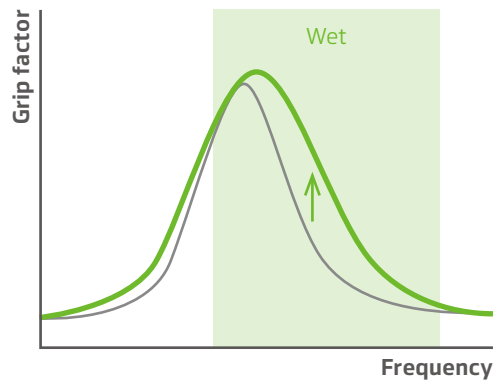
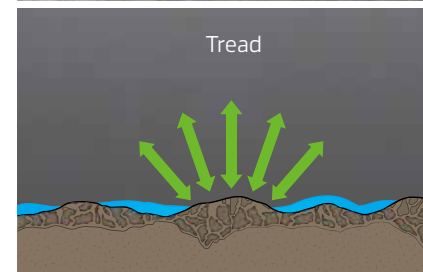
KINERGY 4S²

Aqua pine compound technology

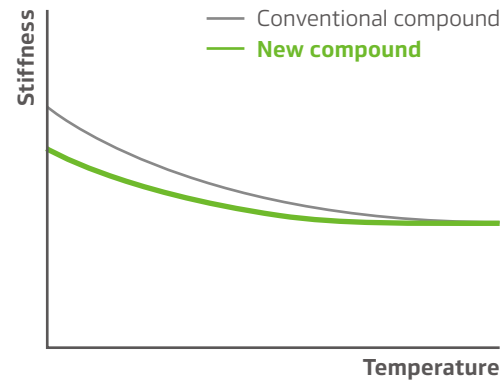
Aqua pine compound



The new generation silica compound, 'Aqua pine' is based on natural ingredients and control technology.



High loading silica and novel traction enhancing additives provides a high grip factor over a wide frequency range that ensures better grip.



Maintaining rubber matrix ensures flexibility for a long temperature range.

Better grip on wet and snow road

Maximising wet and snow grip by using natural ingredient.

High grip silica compound

Improves snow/wet traction and lowered rolling resistance.

Jointless full cover reinforced belt

Ideal tread strength.

Folded belt edge tape

Endurance of the belt has been enhanced.

Wide steel belt layer

Ensures optimal tread stiffness and improves handling performance.

Equilibrium polyester carcass line

Enhanced sidewall stiffness and durability.



Adoption of high-hardness bead filler

Improves handling and steering response.

Ultra high strength bead wire

Improves uniformity and durability of the bead position.

Diameter (Inch)	Size	S/S	L/I	S-Code
15	185/65R15	H		1026501
	195/65R15	H		1026493
	195/60R15	V		1024946
	205/65R15	H		1024949
16	205/60R16	V	XL	1026944
	205/55R16	V		1026993
	215/65R16	V	XL	1026945
	215/60R16	V		1026994
	215/55R16	V	XL	1024954
	205/65R16	H		1027001
	225/60R16	H		1027002
	215/70R16	H		1027003
	235/70R16	H		1027004
	17	205/50R17	W	XL
215/50R17		W	XL	1024959
215/45R17		W	XL	1024960
225/65R17		H	XL	1025468
225/60R17		H		1025469
225/55R17		W	XL	1024963
225/50R17		V	XL	1026943
225/45R17		W	XL	1026500
235/65R17		V	XL	1025470
235/55R17		W		1026995

Diameter (Inch)	Size	S/S	L/I	S-Code
17	215/55R17	V		1027005
	235/60R17	H		1027006
	235/50R17	V		1027007
	245/65R17	H		1027008
18	225/45R18	W	XL	1026996
	225/40R18	Y	XL	1027000
	235/60R18	W	XL	1025471
	235/55R18	V	XL	1025473
	235/50R18	V	XL	1024969
	235/45R18	W	XL	1026997
	245/45R18	W		1026998
	245/40R18	V	XL	1024978
	225/60R18	H		1027009
	225/55R18	V		1027010
	225/50R18	W		1027011
	245/60R18	V		1027012
	235/65R18	V		1027013
19	235/55R19	W	XL	1025474
	245/40R19	W		1027014
	245/45R19	W		1027015
	235/40R19	W		1027016
20	245/50R20	V		1027017