



vanTRa ST AS2

Multi-performance harmony throughout all weather for van



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Features and performance information

vanTRa ST AS2

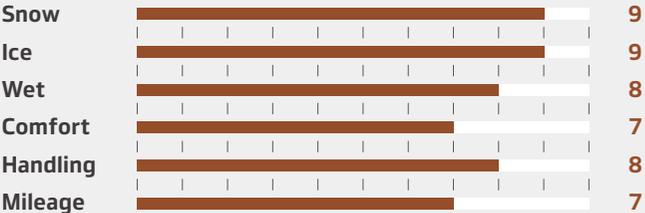


Technology Icon

-  Tie bar
-  Chamfer sipe
-  Slim bead
-  Cross block system

Performance Icon

-  3PMSF
-  Snow handling
-  Low noise
-  Durability



Technical Profile

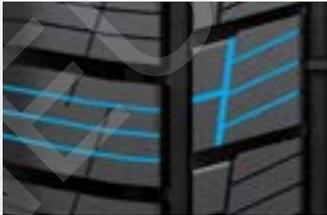
Speed symbol: R, H
 Tread width: 185~235
 Series: 55~80
 Inch: 14~16

Design features and technology

Winter Performance

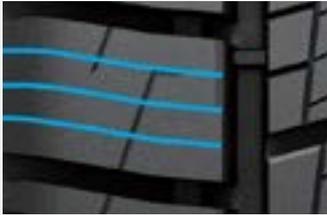


A Long Sipe Length



Long sipe length enhance snow performance.

B Optimised Sipe



Optimal sipe length application for snow performance.

C Optimised Pitch



Optimal pitch arrangement to improve snow performance.



Combined A,B,C can be increasing edge effect.

Design features and technology

Wet Performance

D 3 Wide Aqua Channels

Improved wet performance by applying straight groove.



E Open Shoulder Groove

Open shoulder help water evacuation and wet performance (wet braking, hydroplaning).

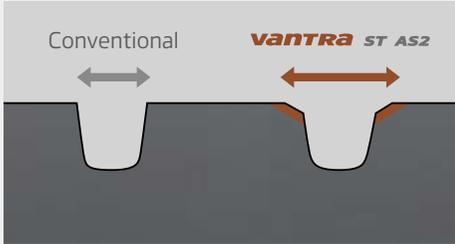


Design features and technology

Stability

F Chamfer Sipe

The contact area is widened instantaneously
Improved handling performance.



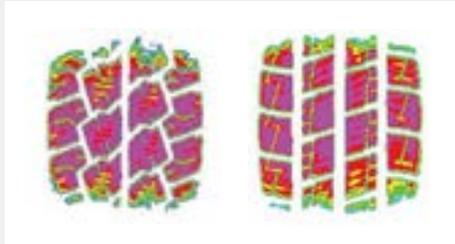
G High Stiffness Block

High stiffness intermediate block
enhance braking performance.



H Optimised Wide Tread

4% more ground width to improve
handling performance.



Conventional vanTRA ST AS2

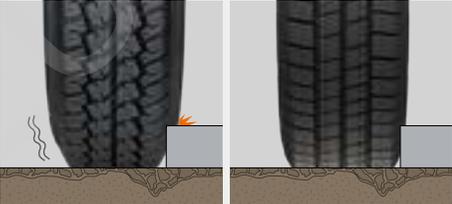


Design features and technology

Durability



I Sidewall Protect



Conventional **VANTRA ST AS2**

Sidewall amor decoration protect form road damage (curb).

J Slim Bead



Conventional **VANTRA ST AS2**

The application of the slim bead reduces stress in the upper rim flange, thereby enhancing the durability of the bead part.

K Belt Edge Tape



Conventional **VANTRA ST AS2**

Stronger bonding between the belts ensures driving stability at high speeds, and the durable structure is designed to sustain vehicle loads.

Design features and technology

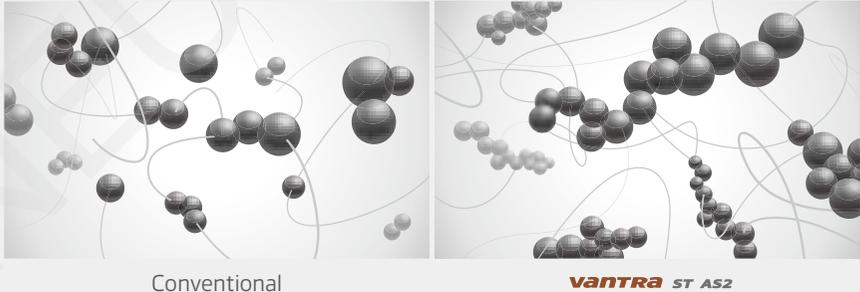
Compound

L New Generation Ice-Philic Technology

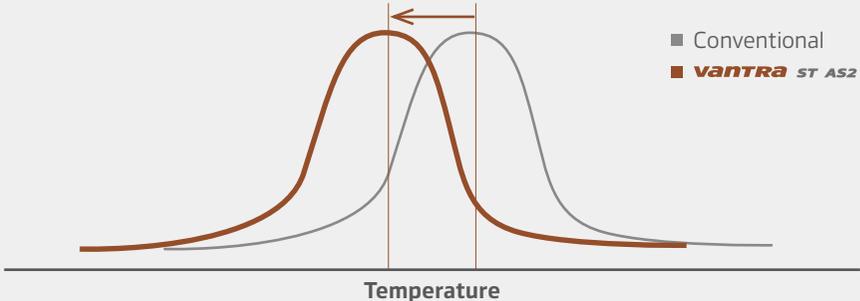


Better grip on icy and snowy roads
 Maximising actual contact area by optimised soft compound.

M High Structure Carbon Black Compound



Lower Tg Control



Tg compound improves braking performance and provides better grip in the snow by increasing the contact area.

* Tg : Glass Transition Temperature

Tire structure

Carbon black compound with kerfs

Improves snow/wet traction and braking.

Jointless full cover reinforced belt

Ideal tread strength.

Wide steel belt layer

Ensures optimal tread stiffness and improves handling performance.

Equilibrium polyester carcass line

Enhanced sidewall stiffness and durability.

Folded belt edge tape

Endurance of the belt has been enhanced.

Adoption of slim bead filler

Improves endurance of carcass and bead.

High strength bead wire

Improves uniformity and durability of the bead position.

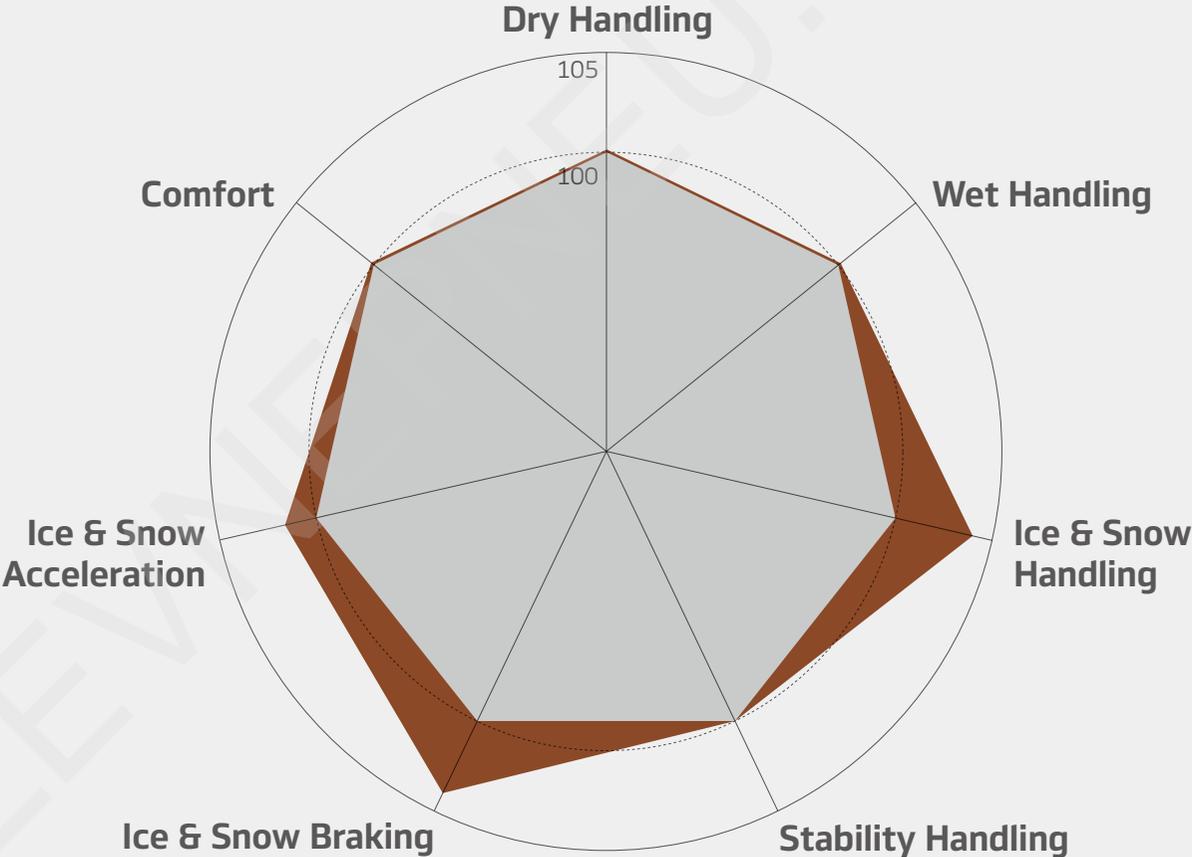


Key performance

Improvement in performance compared to predecessor.

■ Conventional
■ **vanTRA ST AS2**

- Fuel efficiency**
rolling resistance (R.R)
- Wet grip**
braking performance
- Noise level**
external rolling noise

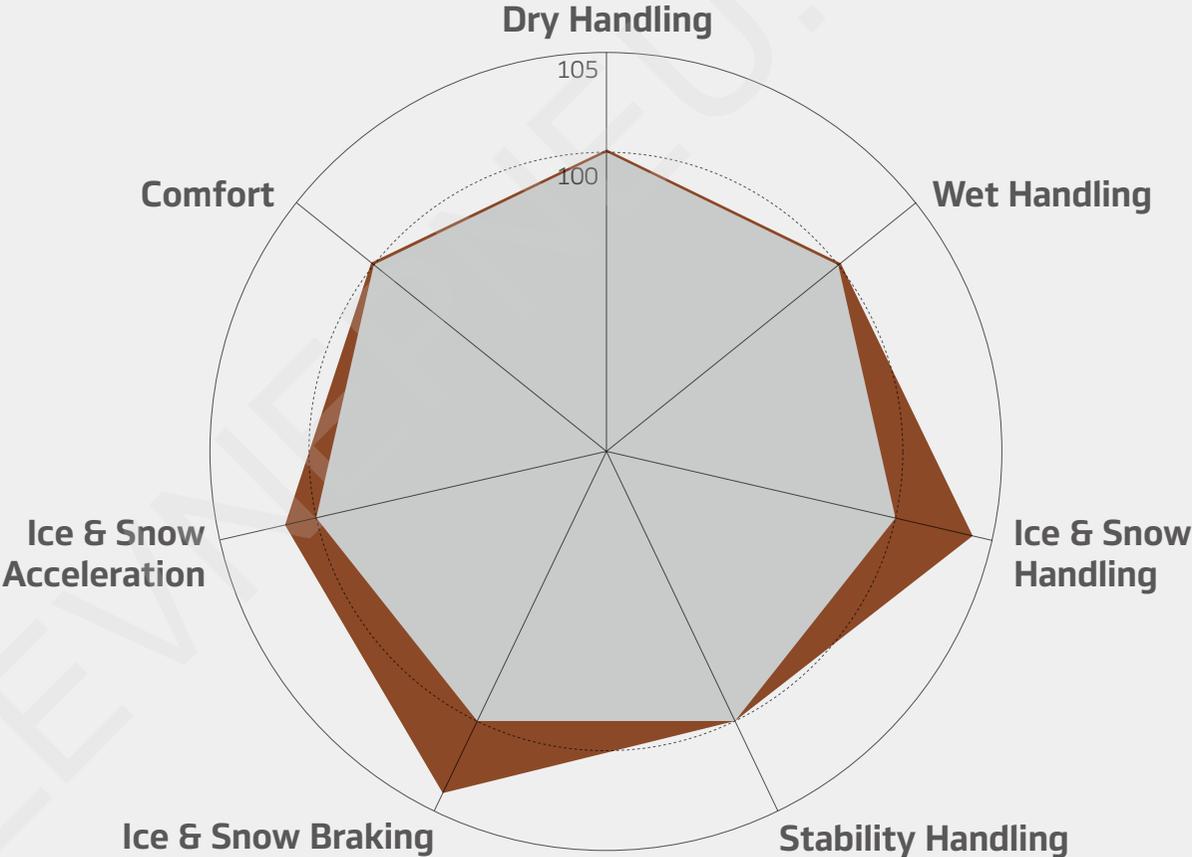


Key performance

Improvement in performance compared to predecessor.

RADIAL RA10
vanTRA ST AS2

- Fuel efficiency**
rolling resistance (R.R)
- Wet grip**
braking performance
- Noise level**
external rolling noise



Available sizes

Inch	Series	Size	LI	SS	Ply	
14	80	185/80R14C	102/100	Q	08	
		195/80R14C	106/104	Q	08	
15	70	195/70R15C	104/102	R	08	
		225/70R15C	112/110	S	08	
16	60	195/60R16C	99/97H	H	06	
		65	195/65R16C	104/102	T	08
		205/65R16C	107/105	T	08	
		215/65R16C	106/104	T	06	
		215/65R16C	109/107	T	08	
		225/65R16C	112/110	R	08	
		235/65R16C	115/113	R	08	
	75		195/75R16C	107/105	R	08
			205/75R16C	110/108	R	08
			215/75R16C	113/111	R	08
			225/75R16C	121/120	R	10



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