



vantra TRAILER
vantra TRAILER TH31



vanTRA TRAILER



Decoupling groove



Compound



Durability



Anti-air loss



Stability



Mileage



Traction



Design Features and Technology

Pattern design for improved traction control in all road condition.

High Stiffness Pattern Block



Pattern block ratio design optimized for heavy loads condition.

Decoupling Groove



Optimized decoupling groove prevent heat generation in the shoulder part due to heavy loads.

Groove Stiffness



Each groove design with high stiffness for heavy loads.

Tire Structure

Tire structure for enhanced durability and stability in heavy-duty condition.

Long tread wear compound

Nylon-reinforced belts

Wide steel belt layer

Reinforced carcass

Equilibrium polyester carcass line

Folded belt edge tape (1 & 2 Belt edge)



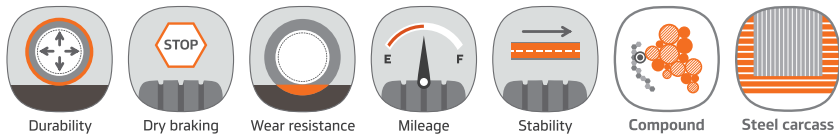
High strength bead wire



(16in)

Applied 3 carcass ply

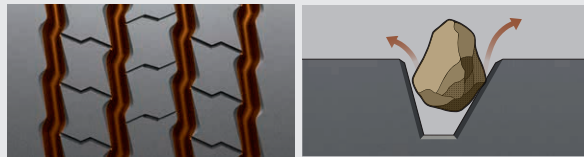
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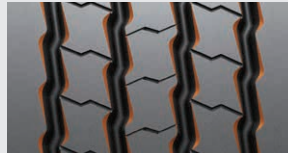
Design Features and Technology

Main Zigzag Groove

Provides excellent traction and water drainage under various road conditions. Asymmetric groove helps eject stones.



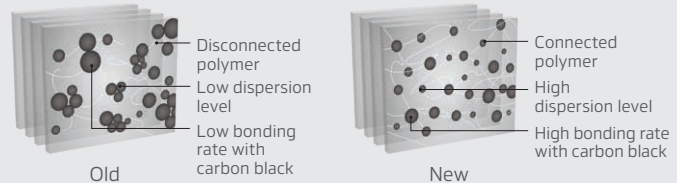
Groove Slant Design



Slanted groove design helps to prevent chunking.

New Compound Mixing System for Enhancing Durability

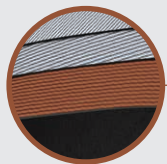
The new mixing system, innovation mixing system, (IMS), minimizes disconnection of polymer chains and oxidation.



Tire Structure

Belt structure

Minimized motion of belt for low heat generation.



Steel Carcass Structure

Minimized tire deformation with optimized foot shape offers control on uneven surfaces.



Improved bead

Minimum bead mobility for enhancing durability.

Product Feature

The new special trailer tire delivers exceptional durability and stability under heavy-duty conditions.

- ① Improved traction control in all road condition with optimized pattern design
- ② Enhanced durability and stability in heavy-duty condition with advanced tire structure technology
- ③ Highway speed rated with a N-rating (87 mph) and M-rating (81 mph)
- ④ Size availability for most popular trailer application

VanTRA TRAILER

ST01

M-Code	Size	LI	Ply Rating	Measuring Rim	Max. Air (PSI)		Max Load (lbs)		Overall Diameter (Inch)	Section Width (Inch)	Tread Width (Inch)	Tread Depth (32nds)	Speed Limit (MPH)	Weight (lbs)
					S	D	S	D						
2021432	ST175/80R13	91/87 N	6 (C)	5.0	50	50	1360	1200	24.1	7.0	5.5	7.7	87	21
2021433	ST185/80R13	94/89 N	6 (C)	5.0	50	50	1480	1280	24.7	7.1	5.8	7.7	87	22
2021434	ST205/75R14	105/101 N	8 (D)	5.5	65	65	2040	1820	26.2	7.9	6.5	7.7	87	28
2021435	ST215/75R14	108/103 N	8 (D)	6.0	65	65	2200	1930	26.7	8.5	6.8	7.7	87	30
2021436	ST205/75R15	107/102 N	8 (D)	5.5	65	65	2150	1870	27.1	8.0	6.5	7.7	87	30
2021437	ST225/75R15	117/112 N	10 (E)	6.0	80	80	2830	2470	28.3	8.9	7.1	7.7	87	34
2021438	ST235/80R16	123/119 N	10 (E)	6.5	80	80	3420	3000	30.9	9.5	7.4	7.7	87	44
2021439	ST235/85R16	125/121 N	10 (E)	6.5	80	80	3640	3200	31.7	9.5	7.4	7.7	87	46
2021440	ST255/85R16	129/125 N	10 (E)	7.0	80	80	4080	3640	33.1	10.3	8.0	7.7	87	52

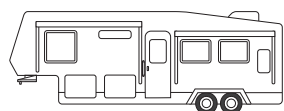
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					S	D	S	D						
3003734	ST235/85R16	132/127 M	14 (G)	6.5	110	110	4400	3860	31.6	9.3	7.1	12	81	61
3003760	ST235/80R16	129/125 M	14 (G)	6.5	110	110	4080	3640	30.8	9.2	7.1	12	81	60
3003761	ST225/90R16	129/125 M	14 (G)	6	110	110	4080	3640	31.8	8.6	6.2	12	81	59

Trailers

* Special trailer tires are engineered specifically for use like following trailers



Fifth wheel trailer



Travel trailer



Camping trailer



Carry-on trailer



Boat trailer



Horse trailer

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