

# TM1000 ProgressiveTraction<sup>®</sup> Enrich your farming



# TM1000 ProgressiveTraction® Enrich your farming

In the decades to come, agriculture will be asked to feed the world's growing population while meeting a greater demand for renewable sources of energy. Within this context, Trelleborg continues to expand the product offering with new technologies, products and services aimed at increasing productivity while protecting our planet.

The TM1000 ProgressiveTraction® tire, engineered according to VF standards and equipped with the multi-award-winning ProgressiveTraction® technology, is an innovative tire solution which provides superior flotation, less stress on the soil and unbeatable traction. On the road, it guarantees low fuel consumption and emissions, premium handling and comfort while extending tire life.



**PREMIUM  
TRACTION**



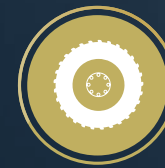
**LOW FUEL  
CONSUMPTION**



**PREMIUM  
COMFORT**



**EXCELLENT  
HANDLING**



**MAXIMUM  
FLOTATION**



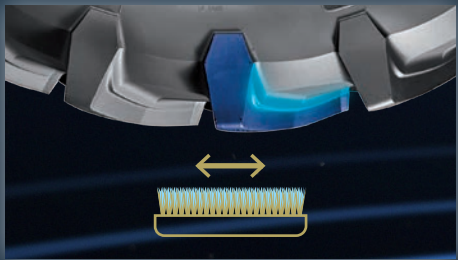
**EXTENDED  
TIRE LIFE**

# The key features of ProgressiveTraction®



## Dual anchor, better grip

The “double edge” increases the grip on the soil, improving traction while reducing slippage.



## Reduced vibration, less fuel consumption

The wider base of the ProgressiveTraction® lug ensures higher resistance to lug vibrations reducing fuel consumption and extending tire life.



## Enhanced self cleaning, higher traction

The extra lugs behave as additional terraces on the tread profile, enhancing its great self cleaning capability and increasing efficiency of the lug.



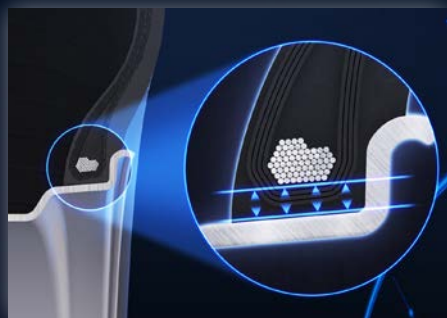
# Advanced technology for advanced farming



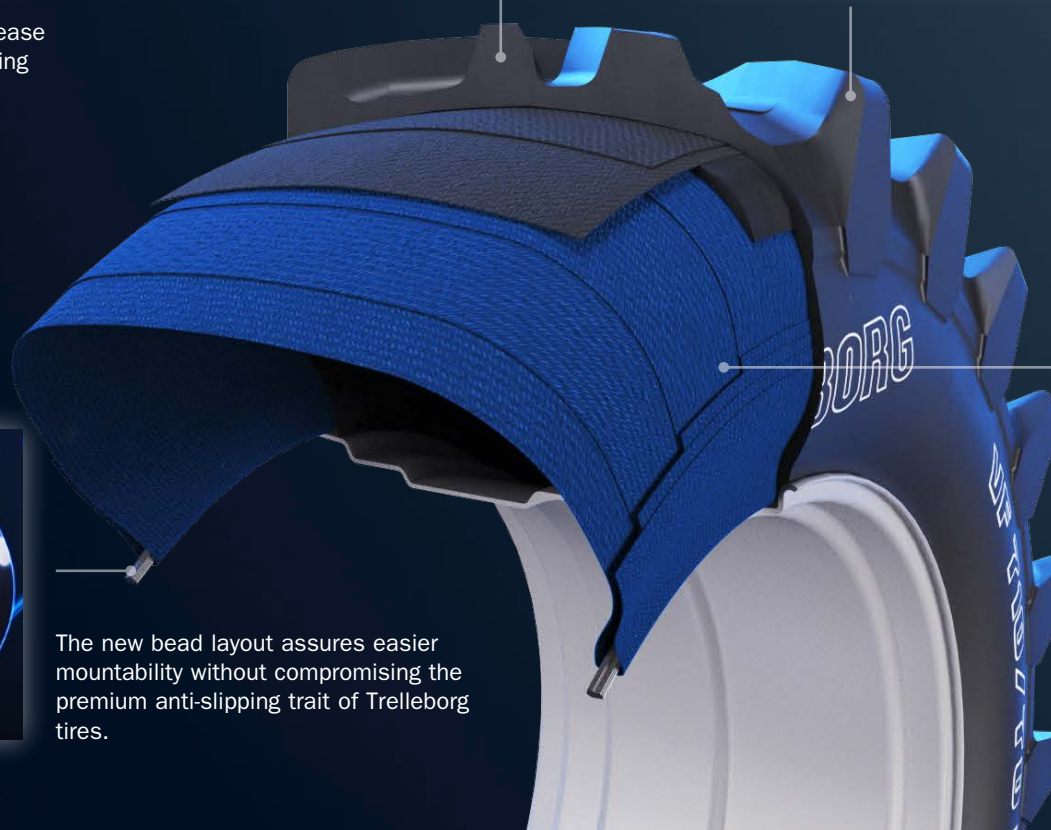
The new lug has been designed to increase the flotation performance while preserving the excellent traction capability of the TM1000 range.



The tread wings enlarge the tread width resulting in superior flotation and reduced soil compaction, boosting cost efficiency and productivity.



The new bead layout assures easier mountability without compromising the premium anti-slipping trait of Trelleborg tires.



The new strong casing absorbs the stresses transmitted during the different working operations without compromising the flexibility, essential to guarantee driving comfort at very low pressure.

# Heavy work needs efficiency

The TM1000 ProgressiveTraction® benefits from VF construction designed to increase efficiency both in the field and on the road. In the field it ensures less soil compaction through its wider footprint area, while on the road, it reduces the number of trips due to its very high load capacity.

**Up to -30%**

lower pressure

@ same load



FIELD APPLICATION

**Up to +40%**

higher load

@ same pressure



ROAD APPLICATION

Compared to same size not using VF technology

# Save time to enrich productivity

With its wide footprint and superior self-cleaning feature, Trelleborg tires assure outstanding traction.

## Traction performance - Index Higher is better

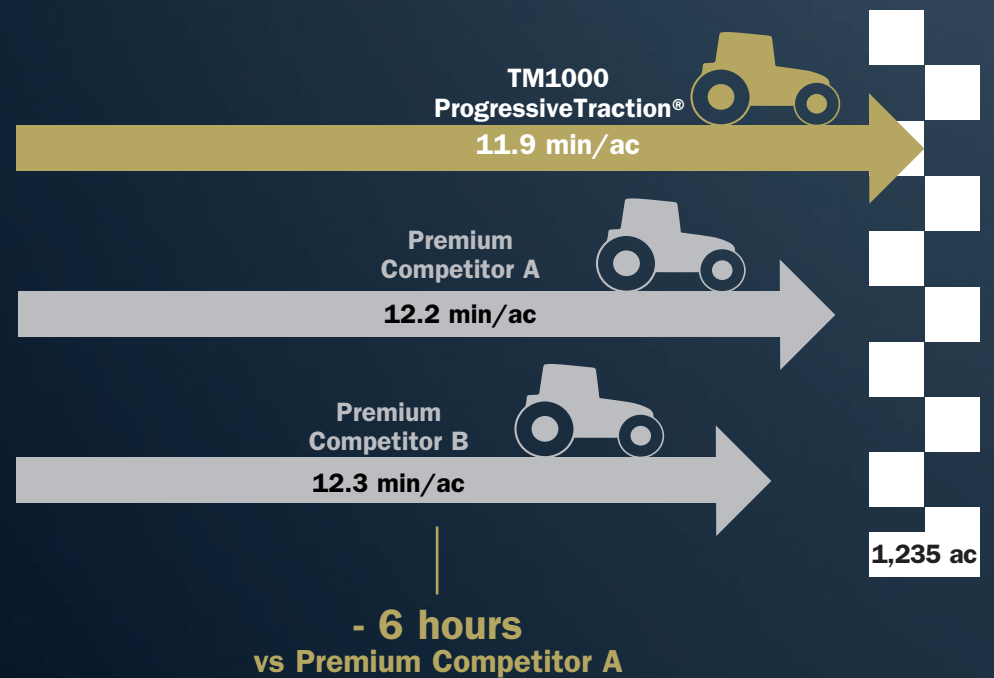


Slippage 8% - 15% - pre-worked heavy soil

## High Torque

Reduced working time results in reduced operating cost and low fuel consumption. The TM1000 ProgressiveTraction® reduces working time and fuel consumption compared to Competitor A.

## Time to plow 1,235 ac



High torque conditions - slippage 12%



# Farming that saves the environment

Agricultural machinery plays an important role on the environmental sustainability assessments of the agricultural sector. A prominent part of its impact is due to fuel consumption and engine exhaust gases emissions. The TM1000 ProgressiveTraction® in the field enhances fuel savings, reduces emissions and increases mileage.



**Fuel consumption 1,235 ac - High torque**  
**Lower is better**

**TM1000  
ProgressiveTraction®**



**100**

**Premium  
Competitor A**



**103**

**Premium  
Competitor B**



**103**

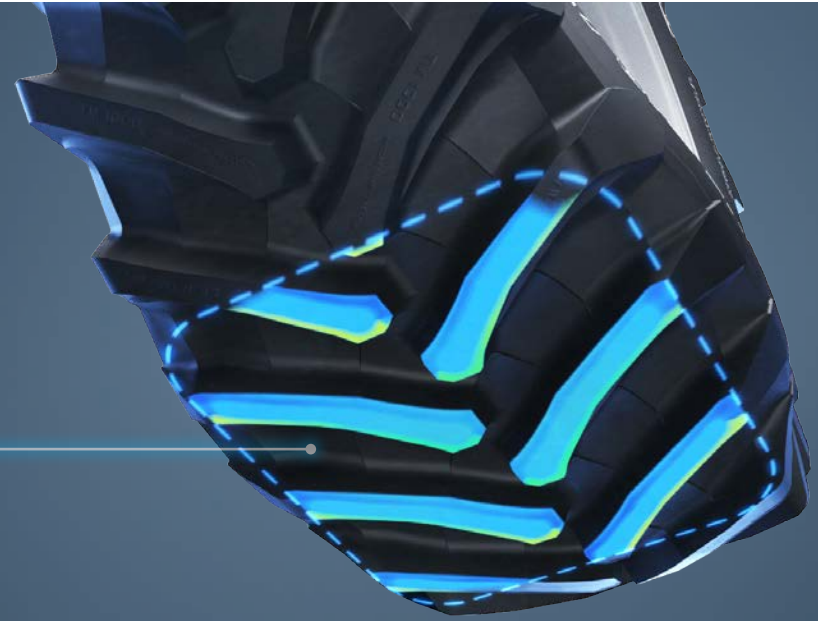
**- 3% fuel consumption  
vs Premium Competitor A**

Sizes VF 710/70R42 - VF 600/70R30

# Lightness is our signature

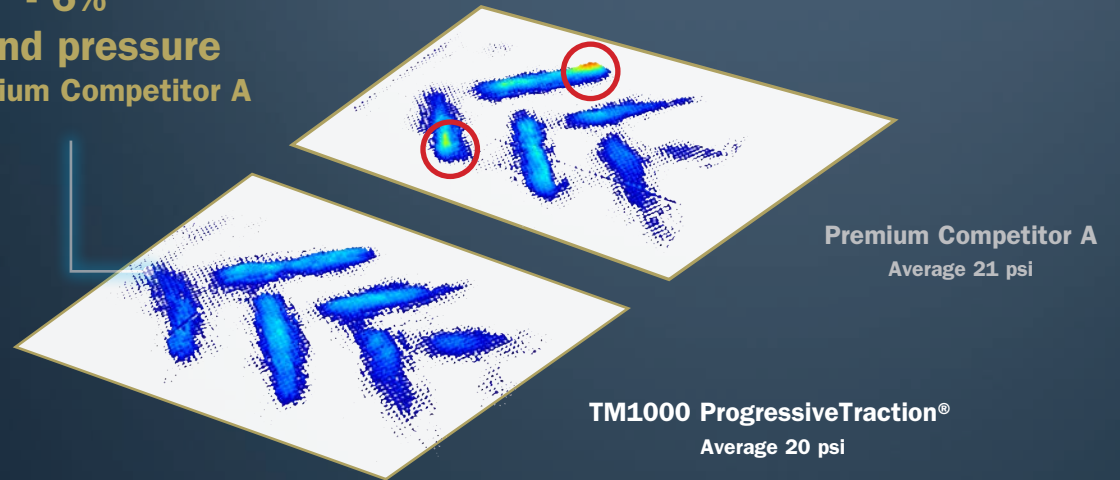
The TM1000 ProgressiveTraction® wide lug base surface reduces tire sinkage into the ground. The unique sidewall flexibility leads to a wide footprint area resulting in low soil compaction.

Up to  
**+ 12.5%**  
**wider footprint**  
vs Premium Competitor A



The contact pressure of the TM1000 ProgressiveTraction® is lower on average than competitors when running ground operations. In addition, the Premium Competitor shows higher pressure peaks on the shoulder area which can leave lasting damage to soil porosity.

- 6%  
**ground pressure**  
vs Premium Competitor A



Size 710/70R42 - Footprint @ load 11,440 lbs.



# Working the land has never been so comfortable

The TM1000 ProgressiveTraction® provides premium handling and safety performance. The low level of vibrations increases comfort, essential for your long working days and demanding farming operations.

Noise causes discomforts reducing both physical and mental performance. The best way for protecting from the harmful effects of the noise is to minimize it. Test results prove that the TM1000 ProgressiveTraction® has reduced noise levels compared to Premium Competitor A.

## Handling *Higher is better*

100



TM1000  
ProgressiveTraction®

76



Premium  
Competitor A

## Comfort *Higher is better*

100



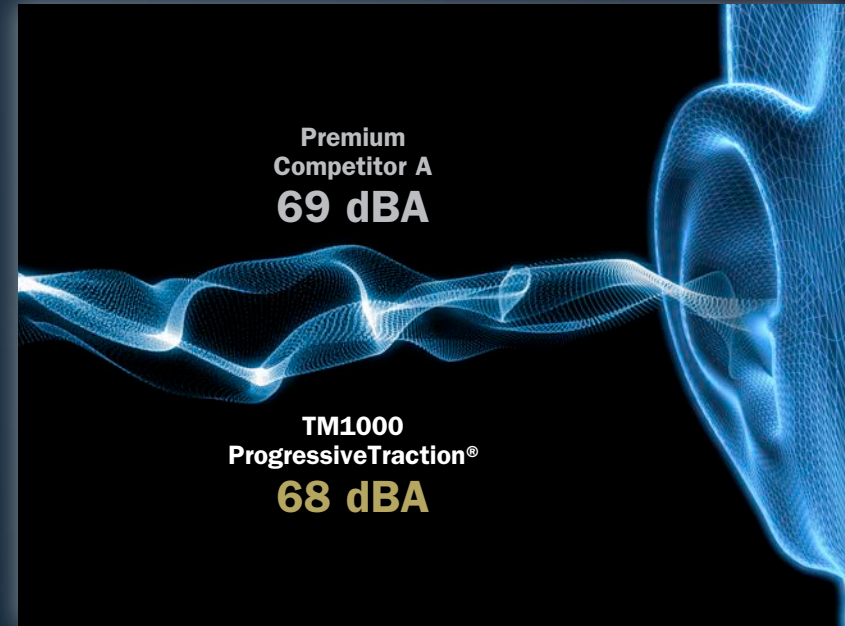
TM1000  
ProgressiveTraction®

71



Premium  
Competitor A

## Driver cabin – Straight track @ 25 mph *Lower is better*



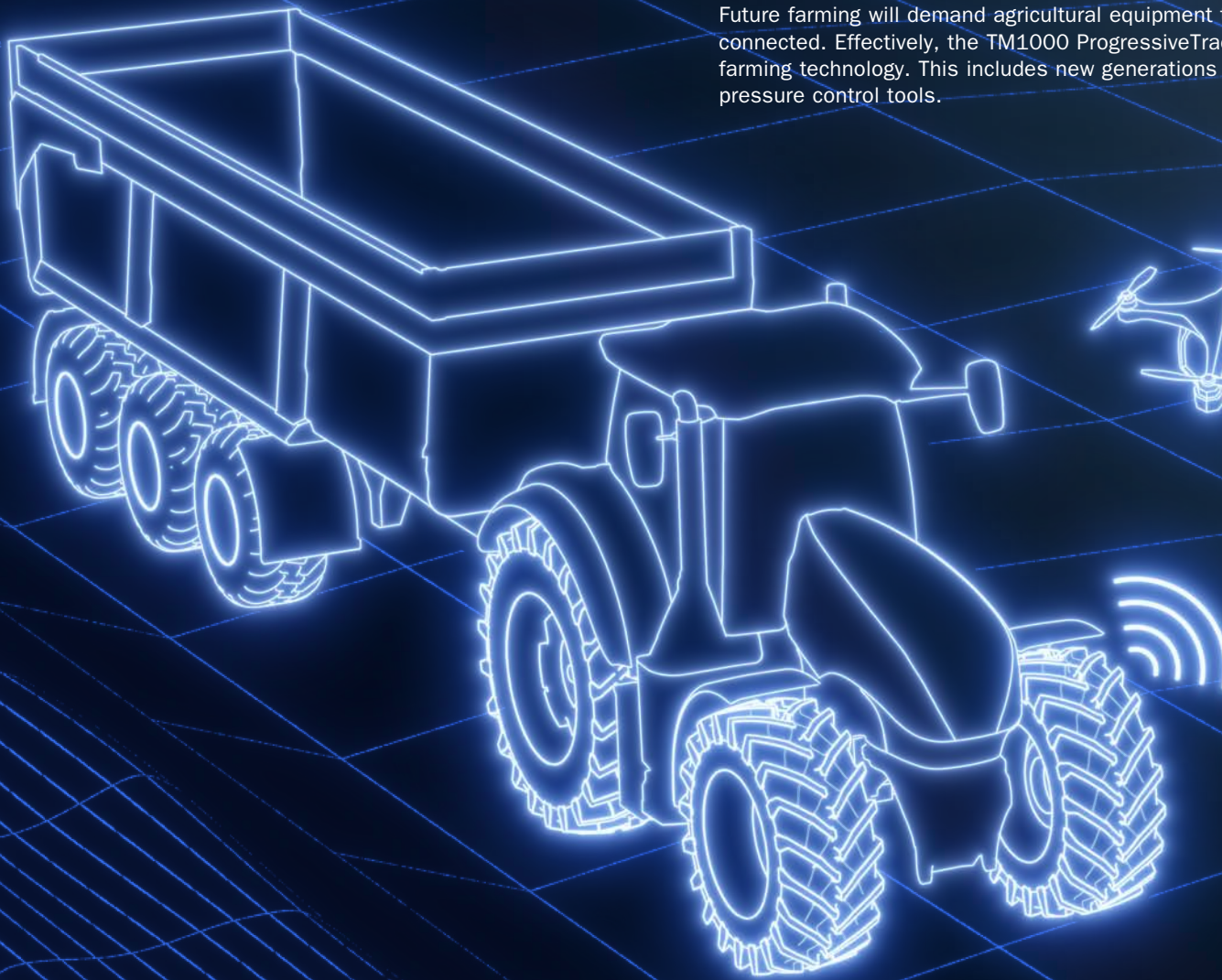
- **1.5%**  
vs Premium Competitor A

Tractor with triaxle tank

Sizes VF 710/70R42 – VF 600/70R30

# TM1000 ProgressiveTraction® It's time for smart farming

Future farming will demand agricultural equipment to be smarter, more autonomous and always connected. Effectively, the TM1000 ProgressiveTraction® is designed to fit the latest smart and precision farming technology. This includes new generations of CTIS (Central Tire Inflation Pressure) systems and pressure control tools.



Trelleborg's TLC Plus guarantees your tire pressure is always under control, so you can make the most out of your tires.



Discover more on  
[www.trelleborg.com/wheels/tlcplus](http://www.trelleborg.com/wheels/tlcplus)

# TM1000 ProgressiveTraction®

Size	Tread Pattern	SW inch	OD inch	SLR inch	RC inch	SRI	Rim	Permitted Rims	Type
<b>VF 540/65R30 158D (155E)</b>	TM1000 ProgressiveTraction®	21.3	58.3	25	175.2	700	W18L	DW18L - TW18L DW16L	Tubeless
<b>VF 600/70R30 170D (167E)</b>	TM1000 ProgressiveTraction®	24.2	63	27.4	188.4	750	DW21B	DW20B	Tubeless
<b>VF 620/75R30 172D (169E)</b>	TM1000 ProgressiveTraction®	25.2	65.7	28.1	194.7	800	DW23B	TW23B - DW21B DW20B	Tubeless
<b>VF 420/85R34 154D</b>	TM1000 ProgressiveTraction®	17.5	62.4	26.4	186.4	750	DW15L	DW14L	Tubeless
<b>VF 650/60R34 168D (165E)</b>	TM1000 ProgressiveTraction®	25.6	65.7	29.1	195.3	775	DW23B		Tubeless
<b>VF 710/60R34 173D (170E)</b>	TM1000 ProgressiveTraction®	28	67.5	29.5	201.8	825	DW25B	TW25 - DW23 NRO	Tubeless
<b>VF 650/65R34 170D (167E)</b>	TM1000 ProgressiveTraction®	26	67.7	29.7	200.2	825	DW23B		Tubeless
<b>VF 650/65R38 172D (169E) Design Data</b>	TM1000 ProgressiveTraction®	26.4	72	31.5	215.7	875	DW23B	DW21B - TW23B	Tubeless
<b>VF 650/85R38 182D (179E) Design Data</b>	TM1000 ProgressiveTraction®	26.8	82.1		245.1	975	DW23B	DW21B	Tubeless
<b>VF 710/60R38 174D (171E) Design Data</b>	TM1000 ProgressiveTraction®	28	72.4			875	DW25B	TW25B	Tubeless
<b>VF 800/70R38 184D</b>	TM1000 ProgressiveTraction®	32.7	81.8	33.9	244.1	975	DW27B	DW25B	Tubeless
<b>VF 650/65R42 174D (171E)</b>	TM1000 ProgressiveTraction®	26.2	76.2	33.3	228.7	925	DW23B	DW20B - DW21B	Tubeless
<b>VF 650/75R42 180D (177E)</b>	TM1000 ProgressiveTraction®	26.4	81.3	35.4	242.5	975	DW23B		Tubeless
<b>VF 650/85R42 183D (180E) Design Data</b>	TM1000 ProgressiveTraction®	26.8	85.6	37.6	253.9	1025	DW23B	DW21B	Tubeless
<b>VF 710/75R42 184D (181E)</b>	TM1000 ProgressiveTraction®	29.1	85	36.8	252	1025	DW25B	DW23B	Tubeless
<b>VF 710/70R42 182D (179E)</b>	TM1000 ProgressiveTraction®	29.1	81.5	35.4	243.7	975	DW25B	DW23B	Tubeless
<b>VF 900/60R42 189D (186E)</b>	TM1000 ProgressiveTraction®	34.8	84.6	35.8	253.7	1025	DW30B	DW28B - TW30B	Tubeless
<b>VF 380/85R46 162D (159E)</b>	TM1000 ProgressiveTraction®	14.2	71.9	32.7	216.1	875	DW12	W12 - DW13 - W13	Tubeless
<b>VF 750/75R46 189D (186E)</b>	TM1000 ProgressiveTraction®	29.9	90		269.7	1125	DW25B		Tubeless
<b>VF900/65R46 193D (190E) Design Data</b>	TM1000 ProgressiveTraction®	35	91.7			1165	DW30B		Tubeless
<b>VF 480/80R50 166D</b>	TM1000 ProgressiveTraction®	18.9	80.7	35.6	241.7	975	DW16L	DW15L	Tubeless
<b>VF 480/95R54 180D (177E)</b>	TM1000 ProgressiveTraction®	18.9	90.4	40.9	270.3	1125	DW15L	TW15L	Tubeless



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Tire iBrochure