

TL21

Tire Structure

Belt structure

Optimized belt structure for better fuel efficiency.

Carcass

Optimized carcass structure for better ride and handling.



Improved bead

Improved bead structure for high speed and long mileage.



TL21

Optimized Trailer Design for Enhanced Performance

Sizes & Specifications

TL21

| S-code | Size | Ply rating | Type | Measuring rim | Max. Air (PSI) | | Max. Load (LBS) | | Overall diameter (inch) | Section width (inch) | Tread width (inch) | Tread depth (32nds) | Revs /mile | SLR (inch) | Max speed (MPH) | Weight (lbs) |
|---------|-------------|------------|------|---------------|----------------|-----|-----------------|-------|-------------------------|----------------------|--------------------|---------------------|------------|------------|-----------------|--------------|
| | | | | | S | D | S | D | | | | | | | | |
| 3002872 | 11R22.5 | 14 | T/L | 8.25 | 105 | 105 | 6,175 | 5,840 | 41.1 | 11.0 | 8.0 | 12 | 504 | 19.1 | 75 | 106.2 |
| 3002828 | 11R24.5 | 14 | T/L | 8.25 | 105 | 105 | 6,610 | 6,005 | 43.1 | 11.2 | 8.0 | 12 | 480 | 20.0 | 75 | 112.4 |
| 3002849 | 285/75R24.5 | 14 | T/L | 8.25 | 110 | 110 | 6,175 | 5,675 | 41.1 | 10.9 | 8.3 | 12 | 502 | 19.2 | 75 | 107.6 |
| 3002859 | 295/75R22.5 | 14 | T/L | 9.00 | 110 | 110 | 6,175 | 5,675 | 39.7 | 11.6 | 8.3 | 12 | 520 | 18.5 | 75 | 101.7 |

• Technical data subject to change without prior notice.

Recommended Vehicle Types and Position



Recommended position



Optimized Trailer Design for Enhanced Performance

The innovative long haul trailer design provides long mileage and offers low cost with a controlled driving experience.



Experience Smartec

Newly launched 'Smartec' is an integrated package of Hankook truck and bus tire technology. Smartec is based on five main tire performance factors featuring safety, mileage, anti chip & cut, retreadability, and traction. The technology provides a range of benefits that consumers identify as a key factor when selecting tires. Smartec is applied to the entire research, development and manufacturing process for all products.

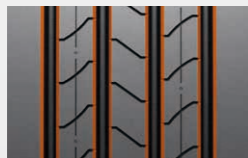
Significant Design Features

Optimized design

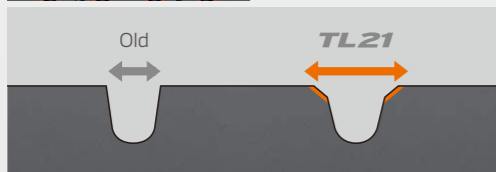


The linear 4-groove pattern offers straight drivability in all conditions. Enhanced shoulder rib improves stability on the road.

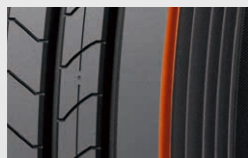
Taper



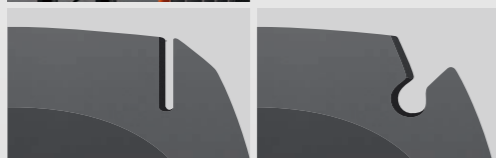
Smooth lines at the edge of the grooves provide optimal footprint to help increase fuel efficiency.



Side decoupling groove



The decoupling groove is designed to resist irregular wear, improve durability and promote stability for better performance.



Lateral groove and dimple kerf



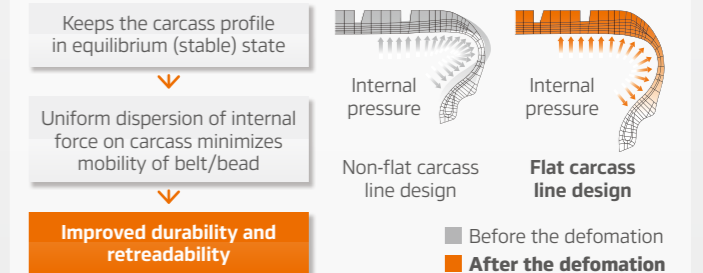
The mixed design, featuring lateral grooves and dimple kerfs, reflects contemporary trends in the long haul trailer application.



Technology and Benefits

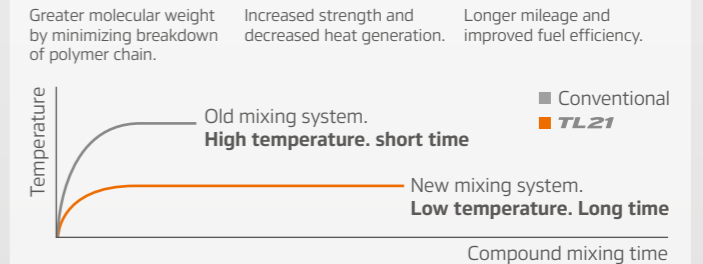
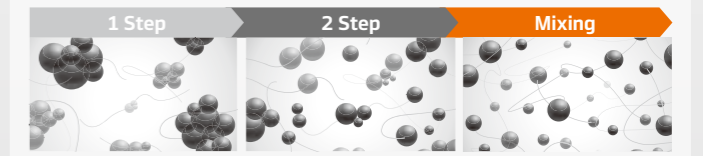
Stiffness Control Contour Theory technology

SCCT allows Hankook Tire to develop tires by balancing optimum stiffness with contact shape which improves performance, safety, cornering, braking and durability.



Innovative mixing system

Optimized tread volume for increased mileage and specifically formulated tread compound that provides exceptional tread wear.



Test results

