



HANKOOK
driving emotion

SMART FLEX TH31

Tire Structure

Belt structure

Minimized motion of belt for low heat generation.

Carcass structure

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



Improved bead

Minimum bead mobility for maximum retreadability.

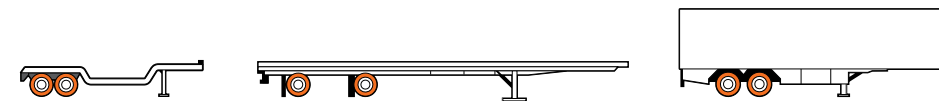
Sizes and Specifications

TH31

| 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 | | | | | | | | |
| 3003528 | 255/70R22.5 | 16 | T/L | 7.5 | 120 | 120 | 5,510 | 5,070 | 36.6 | 9.8 | 8.0 | 17 | 589.3 | 17.1 | 75 | 92.4 |

* Technical data subject to change without prior notice.

Recommended Vehicle Types and Position



● Recommended position

SMART FLEX TH31

All season tire for variable road conditions



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Durable low platform trailer tire for extreme conditions

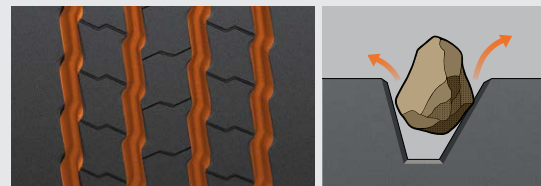
Special **CHIP AND CUT COMPOUND** for outstanding durability. Sidewall protectors enhance retreadability and protect against bead damage. Wide tread and deep grooves provide excellent mileage.



Design features and technology

A Main zigzag groove

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



B Groove slant design



Slanted groove design helps to prevent chunking.

C Lateral semi groove



Lateral groove helps improve initial traction performance.

D Wide rib shoulder

Wide shoulder improves stability and reduces uneven wear.

E M+S marking

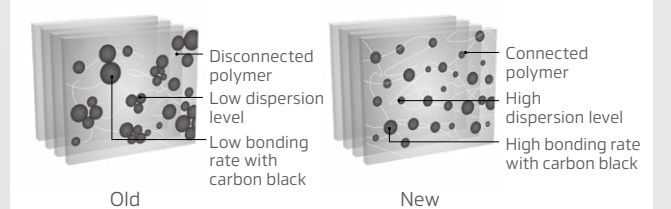
For all seasons : dry, wet and snow



Significant features and benefits summary

New compound mixing system

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



Chip-cut compound

※ Exclusive for 255/70R22.5 size

Special chip-cut compound to enhance durability for severe conditions.

