



SMART FLEX DL12

Longer Mileage and High Traction Tire for Long & Regional Haul



SMART FLEX DL12

Structural Design for Better Fuel Efficiency & Durability

Belt structure

Minimized motion of belts for reduced heat generation.

Carcass

Optimized carcass structure for better ride and handling.

Improved bead

Optimized bead profile for superior retreadability.



Sizes & Specifications

DL12

| S-Code | Size | Ply Rating | Type | Measuring Rim | Max.Air (PSI) | | Max.Load (LBS) | | Overall meter | Section Width | Tread Width | Tread Depth | Revs/ Mile | SLR (inch) | Speed Limit | Weight (lbs) |
|---------|-------------|------------|------|---------------|---------------|-----|----------------|-------|---------------|---------------|-------------|-------------|------------|------------|-------------|--------------|
| | | | | | S | D | S | D | | | | | | | | |
| 3002142 | 11R22.5 | 14 | T/L | 8.25 | 105 | 105 | 6,175 | 5,840 | 42.0 | 11.4 | 9.6 | 28 | 496 | 19.6 | 75 | 134 |
| 3002143 | 11R22.5 | 16 | T/L | 8.25 | 120 | 120 | 6,610 | 6,005 | 42.0 | 11.4 | 9.6 | 28 | 496 | 19.6 | 75 | 134 |
| 3002144 | 11R24.5 | 14 | T/L | 8.25 | 105 | 105 | 6,610 | 6,005 | 43.8 | 11.4 | 9.6 | 28 | 473 | 19.7 | 75 | 144 |
| 3002145 | 11R24.5 | 16 | T/L | 8.25 | 120 | 120 | 7,160 | 6,610 | 43.8 | 11.4 | 9.6 | 28 | 473 | 19.7 | 75 | 144 |
| 3001874 | 295/75R22.5 | 14 | T/L | 8.25 | 110 | 110 | 6,175 | 5,675 | 40.7 | 11.3 | 9.6 | 28 | 512 | 19.0 | 75 | 129 |
| 3002140 | 285/75R24.5 | 14 | T/L | 8.25 | 110 | 110 | 6,175 | 5,675 | 42.0 | 11.3 | 9.6 | 28 | 496 | 19.7 | 75 | 137 |

Recommended / Available Vehicle & Position



● Recommended position ● Available position

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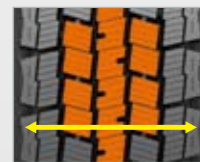
Kontrol Technology is Hankook Tire's technology philosophy which reflects how the tire should perfectly control the interaction between the driver, the vehicle and the road while in motion. It is implemented to ensure Hankook Tire provides the greatest benefits and driving experiences to customers in terms of safety, driving comfort, handling, performance and environmental friendliness. DL12 is a tire that embodies Kontrol Technology.

Pattern Concept



4-Channel Pattern with Zig-Zag Grooves and Deep Full Depth Grooves

Long original tread life with excellent traction throughout the life of the tire.



Combined structure of Rib and Block Pattern

Provides stability, longer mileage and better handling performance.



Wide Open Shoulder Tread Design

Provides traction and stability in all weather conditions.



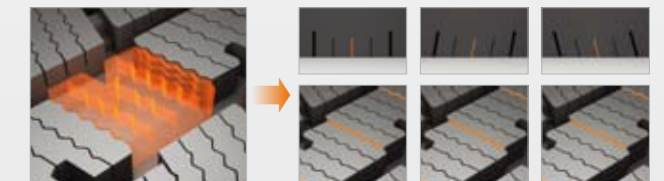
Multiple 3-Dimensional Kerf Design

Better traction that prevents tearing and irregular wear for long mileage.



Multi 3D Kerf Technology

Lateral/Tangential Zigzag-type Full-Depth kerfs generate binding forces between blocks



3D Kerf

Lateral / tangential direction

Zigzag type :

Applying full depth kerfs helps maintain a binding force between blocks.

Controlled wear and tear

→ improve mileage

Full depth kerf applied

→ Keeps good traction during whole life

Test Result

