



# 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

## Longer Mileage and High Traction Tire for Long & Regional Haul



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.



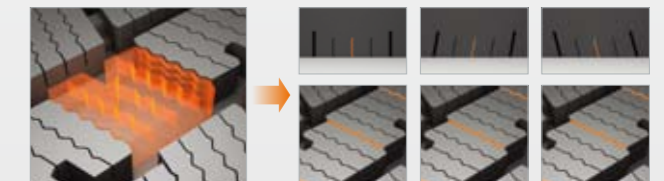
**Multiple 3-Dimensional Kerf Design**

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

