



Products for long-haul transport vehicles, on motorways or Arterial roads with very low specific tread-wear conditions.

# ST:01



## NEW ST:01 FOR MEGA-TRAILERS. LASTS LONGER.

Pirelli's latest generation technology revolutionises the standard for mega-trailer tyres. The ST:01 range's new sizes allow the load/volume ratio to be maximised as never before. Thanks to the SATT production process and the new zero degree TWST structure, the latest additions to the 01 Series guarantee excellent mileage and low rolling resistance. Elevated retreadability and low noise levels complete the specification of a tyre designed to improve performance and reduce environmental impact.

**POWER IS NOTHING WITHOUT CONTROL**

# NEW ST:01. MORE ADVANTAGES.



- Greater transportable volume at the same load capacity
- Tread pattern with 6 longitudinal grooves optimised for straight-line road holding, rolling resistance and lateral stability
- Groove geometry designed to prevent stone retention
- Reinforced sidewalls for a greater resistance to lateral impacts



## ECOIMPACT



### High Mileage

- Better mileage and longer first tyre life



### Energy™ Efficient

- Low rolling resistance, reduction in fuel consumption and CO2 emissions – Already in line with the 2016 limits



### Elevated retreadability

- Reusable tyres thanks to the elevated retreadability and recyclable materials free of highly aromatic oils (HAOF)



### Low Noise

- Improved noise levels and high driving comfort  
- Noise levels in line with the 2012 European directives

## New SATT structure: offers more, lasts longer.



### DLTC - Dual Layer Tread Compound Technology

#### External layer

- Improved mileage
- Excellent road holding
- Reduced breaking distances

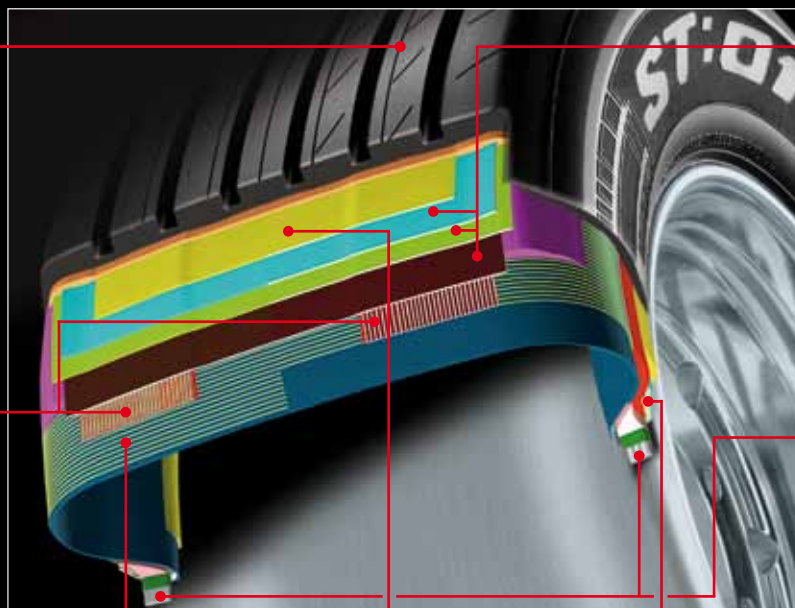
#### Internal layer

- Low heat generation
- Reduced rolling resistance
- Structural integrity



**TWST**  
Tech Integrated Spiral Technology

**Spiralling of the TWST Zero Degrees belt strips (Pirelli patent) directly on the metallic carcass**



**HPSC - High Penetration Steel Cord**  
3 main belts with high compound penetration cord to reduce oxidation and ageing.



**HBW - Hexa Bead Wire**

- High flexibility and easy of fitting
- Thermal stability of the bead and improved bead wire durability
- Retreadability

**Highly flexible casing fabric for improved stress resistance**

**Upper Belt Protector with high impact and fatigue resistance cord**

**Reinforced bead**

- Elevated resistance to lateral impacts, even in particularly severe conditions

## ST:01

SIZES	LOAD INDEX/ SPEED SYMBOL	TYRE DIMENSIONS (mm)					RIM
		SECTION WIDTH	DIAMETER	STATIC LOADED RADIUS	ROLLING CIRCUMFERENCE	GROOVE DEPTH	
435/50 R 19.5	160J	451	937	424	2839	12,5	14.00 - 15.00
445/45 R 19.5	160J	446	908	413	2751	14,0	14.00 - 15.00



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