

TRUCK & BUS TYRES
PRODUCT RANGE

PROMETEON
TYRE. MADE FOR BUSINESS

PROMETEON: THE COMMERCIAL VEHICLE TYRES SPECIALIST

Prometeon Tyre Group is the only company entirely focused on the **commercial tyre sector**, including the transportation of goods and people, agriculture, and off-road.
Prometeon offers a **multi-level**, **multi-brand portfolio**, which includes its own brands: PROMETEON, ANTEO, ERACLE, and TEGRYS, as well as the brands PIRELLI and FORMULA, used under license.

Prometeon was officially established in 2017 as a spin-off from the commercial tyres division of Pirelli Tyre company and can count on **over 100 years of experience** in the design, development, and manufacturing of tyres. The Group is deeply **committed to innovation through the introduction of new technologies and a path towards constant, sustainable growth**.

The commitment to excellence is the foundation of Prometeon's offering, resulting in continuous research and an ongoing effort to identify and meet the real needs of the market.

The flagship product of the company's offering is the **Serie02**, the first full range completely designed in Prometeon R&D Centres. Launched in 2022 with PIRELLI brand and Prometeon Engineered marking, now only **PROMETEON branded**. It embodies the company's commitment to further strengthening its identity as an independent player focused exclusively on the commercial tyre sector. It is specifically designed to maximize **performance**, **safety**, **quality**, and **sustainability**.



KEY FIGURES (2024 DATA)

4 Plants
(2 in Brazil, 1 in Egypt, 1 in Turkey)

4 R&D and Development centers
(Italy, Brazil, Turkey, Egypt)

About **8000**
employees around the world

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ABBREVIATIONS AND SYMBOLS EXPLANATION

This list contains the explanation of the abbreviations and symbols you can find in the products' descriptive pages and technical tables.

M+S
MUD AND SNOW

FRT
FREE ROLLING TYRE

POR
PROFESSIONAL OFF ROAD TYRES, OUT OF THE SCOPE OF EU REGULATION 2020/740

ML
MINE LOGGING

MPT
MULTI PURPOSE TYRE

RFID
RADIO FREQUENCY IDENTIFICATION DEVICE

RECOMMENDED

ALLOWED

ALSO FOR USE ON FRONT AXLES (ALL WHEEL DRIVE VEHICLES)

EU Tyre Label Regulation 2020/740 – Label parameters



FUEL EFFICIENCY CLASS



WET GRIP CLASS



EXTERNAL ROLLING NOISE CLASS



SNOW GRIP / 3PMSF MARKING

ATTENTION!

The information contained in this manual relates to tyres designed exclusively for goods vehicles and/or passenger vehicles. Any other applications are not permitted.

INCORRECT OR IMPROPERLY USED TYRES CAN BE DANGEROUS.
TYRES HAVE TO BE USED IN THE CORRECT SEGMENT OF APPLICATION, AS SPECIFIED FOR EACH PRODUCT IN THE TECHNICAL CATALOGUE.

The manual has been produced in an easily understood form for information purposes and is not intended to be comprehensive in nature. The data given will be updated periodically.

Since the manual is intended for international use the information may not reflect national legislative requirements which must be taken into consideration.

With regard to care and maintenance it is necessary to follow the tyre manufacturer's instructions. In particular, please remember that tyres age even if they have not been used or have only been used occasionally. Cracking of the tread and sidewall rubber, sometimes accompanied by carcass deformation, is evidence of ageing.

Old and aged tyres must be checked by a tyre specialist to ascertain their suitability for further use.

If in doubt concerning the interpretation of information please contact your local Prometeon representative.

RANGE OVERVIEW

O2 is a registered trademark of Prometeon Tyre Group.



FUEL EFFICIENCY (HIGHWAY)

GOODS - PEOPLE

Product designed to provide low fuel consumption and total cost of ownership optimization. The best balance between mileage and fuel efficiency is found in long distance and highway routes.



REGIONAL (VERSATILITY)

GOODS - PEOPLE

Product designed to guarantee high mileage in any condition of usage and good resistance to highly abrasive surfaces. High level of safety on all roads and in all seasons.



CONSTRUCTION

OPERATIONS

For mixed use on roads, on construction sites and under aggressive tread-wear condition.



WINTER

GOODS

Products designed for use under critical weather conditions, snow and ice



URBAN

PEOPLE

For urban passenger vehicles in stop & go traffic conditions, low average speed, continuous changes in road surfaces (asphalt, concrete, cobblestones).



QUARRY & MINE

OPERATIONS

Products designed for use under critical weather conditions, snow and ice



SPECIAL USE

OPERATIONS

Products designed for use in demanding off-the-road situations on various types of surface (asphalt, track, muddy or grassy terrain, sand). Typical use off-the-road competition vehicles and civil protection department.

ON ROAD ⟷ OFF ROAD

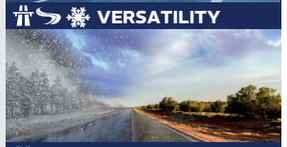
WINTER ⟷ SUMMER

H02 PROFUEL	G02 ECO	W:01	U02 URBAN-E MULTIAXLE	Q:01 ROCK	S02 PISTA
R02 PROFUEL	G88		MC 88 III		PS22 PISTA
R02 PROWAY	MG:01				
ITINERIS	G:01 II				
C02 COACH					

TRAILER

H02 PRO TRAILER	G02 PRO MULTIAXLE			
R02 PRO TRAILER				
ITINERIS		Serie 01	Serie 02	MIDLINE

RANGE OVERVIEW

		STEER / MULTIAXLE	DRIVE	TRAILER
ON	FUEL EFFICIENCY 	H02 PROFUEL STEER	H02 PROFUEL DRIVE	H02 PRO TRAILER
	VERSATILITY 	R02 PROFUEL STEER 22.5'' R02 PROFUEL STEER 17.5'' & 19.5'' R02 PROWAY STEER ITINERIS S	R02 PROFUEL DRIVE 22.5'' R02 PROFUEL DRIVE 17.5'' & 19.5'' R02 PROWAY DRIVE ITINERIS D	R02 PRO TRAILER 22.5'' R02 PRO TRAILER 17.5'' & 19.5'' ITINERIS T
	WINTER 	FW:01	TW:01	
	COACH 	C02 COACH MULTIAXLE	C02 COACH DRIVE	
	URBAN 	U02 URBAN-e MULTIAXLE MC88 III AMARANTO		
ON-OFF	CONSTRUCTION 	G02 ECO MULTIAXLE G02 PRO MULTIAXLE FG:01 II FG88 MG:01	G02 ECO DRIVE TG:01 II TG88	
	QUARRY & MINE 	TQ:01 ROCK		
	SPECIAL USE 	S02 PISTA PS22		

UNIQUE INNOVATIVE TECHNOLOGICAL PLATFORM

PROGEA

Highly innovative PRO Grip Environment Approach compound formulated to improve the **tyre efficiency** and **safe performance** while **reducing environmental impact.**

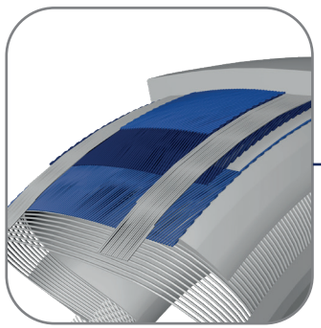
SHTB

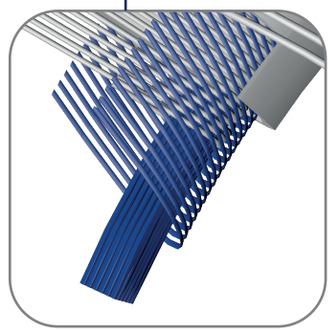
The Super High Tensile Belt cord allows high flexibility and prevention of corrosion propagation for:

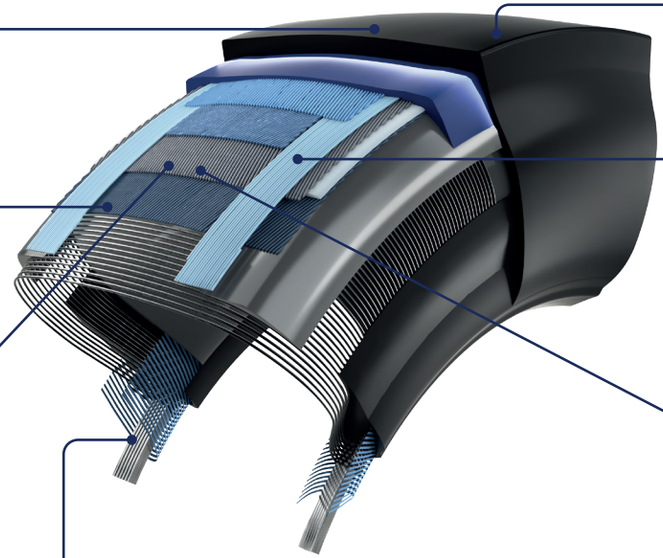
- superior **integrity**
- high **resistance** to aging

LEDB

The innovative Low Energy Dissipation Belts configuration ensures tyre weight optimization and lower energy dissipation enabling **low rolling resistance** generation.







COBe

The reinforced Cross Over Bead, combined with the new geometry of the rectangular wire steel, ensures:

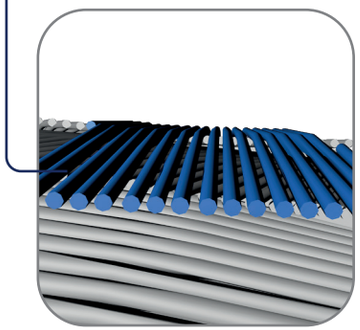
- great **flexibility**
- bead seating with superior **longevity** throughout the entire casing life cycle
- excellent resistance to **high load capacities**

The technological package may vary by product.



SSRP

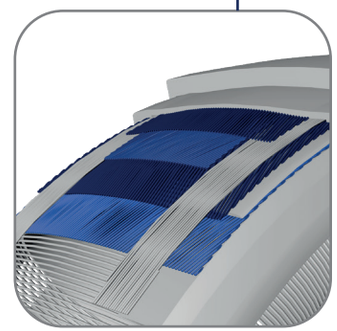
The innovative Step Shoulder Rib Profile allows the correct distribution of footprint contact pressure, promoting **even wear** and **mileage**.



SWiTe

The Spiral Wire Technology materializes in the bigger steel cable diameter enhancing optimization of the total cost of ownership, thanks to:

- high **durability**
- **long tyre life**



HR4B

The new High Resistance 4 Belts structure promotes casing flexibility and structural resistance for:

- **extended tyre life**
- **even wear**
- **handling** on uneven road surfaces

SERIE 02 PRODUCT NAMING

Below is an explanation of how each tyre in the Serie 02 range is named.

The naming system is designed to provide essential information, ensuring the correct tyre is fitted to the appropriate vehicle. It has been carefully structured by considering not only the series itself but also the application, usage type, and mounting axle.

H **02** **PROFUEL** **STEER**

APPLICATION

H: FUEL EFFICIENCY = The best balance between mileage and fuel efficiency in long distance and highway routes.

R: VERSATILITY = High mileage in any condition of usage and resistance to highly abrasive surfaces.

C: COACH = coach vehicle use

U: URBAN = For urban passenger vehicles in stop & go traffic conditions

G: CONSTRUCTION = mixed use, on construction sites and under aggressive tread-wear condition

S: SPECIAL USE = for use in demanding off-the-road situations on various types of surface

SERIES

SERIE 02

Regardless of the segment, region, or application, every Prometeon branded tyres feature “02” in their name. This universal prefix serves as an identifier for the product range.

TYPE OF SPECIFIC USE/ MAIN BENEFIT

PROFUEL: focus on fuel efficiency on on-road applications

ECO: focus on fuel efficiency on on-off applications, with primary operation on roads

PROWAY: focus on high mileage on medium-distance routes

COACH: designed for coach

URBAN-e: designed for city bus, with a focus on electric models

ON-OFF: crafted for use both on road and off road

PISTA: engineered for severe service

CONFIGURATION

STEER: for fitment on steer axle

MULTIAXLE: tyre developed for fitment on steer axle and trailer axle on trucks and on steer and drive axle on people transport vehicles

DRIVE: specific for fitment of drive axle

TRAILER: specific for sole fitment of trailer axle



H02 PROFUEL™ STEER



H02 PROFUEL™ DRIVE



H02 PRO TRAILER

FUEL EFFICIENCY

H02 PROFUEL™ STEER

FUEL EFFICIENCY

PROGEA | SHTB | LEDB | SWITe | SSRP | COBe

The latest generation of steer tyres for long-haul transport designed for maximum efficiency and safety, and enhanced even wear and mileage.

The new pattern geometry featuring innovative high density and full depth wave sipes provides great **wet braking** and **snow grip performance** for the **maximum safety**.

HGE – High Grip Evolution – technology (Prometeon patent). The innovative grooves design enhances **grip performance** throughout the full tyre life, and **low noise generation** for better driving comfort.



The median grooves designed for ideal tread stiffness, promote **excellent mileage** performance.
Large shoulder grooves enhance handling and effective water **drainage**.

Stone ejectors in central groove prevent stones trapping, delivering **tyre durability** and **retreadability**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	385/55 R 22.5	162 K (158 L)	M+S HL	A	B	A	71dB	√
•	•	385/65 R 22.5	164 K (158 L)	M+S HL	A	B	A	71dB	√
•	•	315/70 R 22.5	158/150 L (156/150M)	M+S	A	B	A	67dB	√
•	•	315/80 R 22.5	158/150 L (156/150M)	M+S	A	B	A	71dB	√

H02 PROFUEL™ DRIVE

FUEL EFFICIENCY

PROGEA | SHTB | LEDB | SWITe | SSRP | COBe

The latest generation of drive tyres for long-haul transport designed for maximum efficiency and safety, and enhanced even wear and mileage.

The new shoulder lugs profile delivers high **traction** performance and effective **water drainage**.

The compact tread block design promotes high pattern stiffness, **low rolling resistance** and **even wear**, with no compromise on **mileage** and **comfort**.



The innovative high density and full depth sipes design enhances great **traction, wet braking** and **snow grip performance**.

HGE – High Grip Evolution – technology (Prometeon patent). The innovative grooves design enhances **grip performance** throughout the tyre life, **low noise generation** for great driving comfort.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	315/70 R 22.5	158/150 L (156/150 M)	M+S	A	B	A	72dB	V
•	•	315/80 R 22.5	158/150 L (156/150M)	M+S	A	B	A	73dB	V

PROMETEON

H02 PRO TRAILER

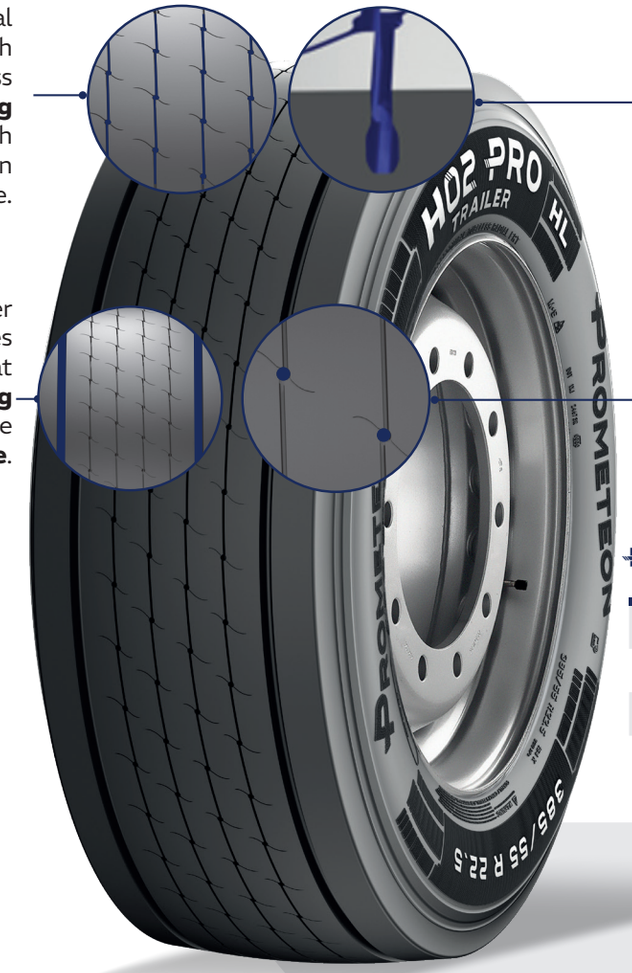
FUEL EFFICIENCY

SWITe | HR4B | SHTB | COBe | DLTC

The latest generation of trailer tyres for long-haul transport designed for maximum efficiency and for fleet operating costs optimization. Low rolling resistance, great wet braking performance and high load capacity.

4 narrow central grooves deliver high pattern stiffness and **low rolling resistance**, with no compromise on mileage.

2 large shoulder grooves promote great **handling** behavior and effective **water drainage**.



The innovative grooves design ensures superior **wet handling behavior** for the maximum safety, and low **noise rolling emission** for better external **acoustic comfort**.

The circumferential holes in the central grooves enhance great **stability** and **braking** in all weather conditions.

PROMETEON	PIRELLI	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	445/45 R 19.5	164 J	M+S FRT HL	B	B	A	69dB	V
•	•	435/50 R 19.5	164 J	M+S FRT HL	A	B	A	69dB	V
•	•	385/55 R 22.5	164 K	M+S FRT HL	A	A	A	69dB	V
•	•	385/65 R 22.5	164 K (158 L)	M+S FRT HL	A	B	A	71dB	V


R02 PROFUEL™ STEER 22.5″
R02 PROFUEL™ DRIVE 22.5″
R02 PROFUEL™ STEER 17.5″ & 19.5″
R02 PROFUEL™ DRIVE 17.5″ & 19.5″
R02 PROWAY™ STEER
R02 PROWAY™ DRIVE
R02 PRO TRAILER 22.5″
R02 PRO TRAILER 17.5″ & 19.5″
ITINERIS™ S
ITINERIS™ D
ITINERIS™ T
VERSATILITY

R02 PROFUEL™ STEER 22.5”

VERSATILITY

PROGEA | LEDB | SHTB | SWITe | HR4B | COBe

The latest generation of steer tyres for versatility application, ensuring competitive fuel efficiency, high mileage and integrity.

2 narrow grooves deliver excellent **even wear** and **mileage** performance.

3 large grooves promote **handling** in **severe wet conditions.**

New functional sipes deliver superior **grip performance** in different weather conditions for the maximum **safety**.



Progressive entry of the sipes under the footprint provides **driving comfort**.

HGE - **High Grip Evolution** - technology (Prometeon patent). The innovative grooves design enhances **grip performance** throughout the full tyre life, and **low noise generation**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	355/50 R 22.5	156 L	M+S	B	C	A	69 dB	√
•	•	375/50 R 22.5	158 L	M+S	B	B	A	70 dB	√
•	•	385/55 R 22.5	162 K (158 L)	M+S	B	B	A	69 dB	√
•	•	385/65 R 22.5	164 K (158 L)	M+S HL	B	B	A	70 dB	√
•	•	305/70 R 22.5	154/150 L	M+S	B	B	A	69 dB	√
•	•	315/70 R 22.5	158/150 L (156/150 M)	M+S	B	B	A	69 dB	√
•	•	315/80 R 22.5	158/150 L (156/150 M)	M+S	B	C	A	69 dB	√

R02 PROFUEL™ DRIVE 22.5”

VERSATILITY

PROGEA | SHTB | LEDB | COBe | SSRP

The latest generation of drive tyres for versatility application, ensuring competitive fuel efficiency, traction and safety.

2 large grooves enhance **handling** in **severe wet conditions**.

3 narrow grooves deliver excellent **rolling resistance** and **mileage** performances.

Stone ejectors at the bottom of the 2 large grooves **prevents stones trapping** thus providing high **retreadability**.



Deep external lateral groove promotes great **traction**.

Functional sipes provides great **road holding** and superior **snow grip performance** for the maximum **safety**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	315/70 R 22.5	158/150 L (156/150 M)	M+S	B	B	A	72 dB	V
•	•	315/80 R 22.5	158/150 L (156/150 M)	M+S	B	B	B	74 dB	V

PROMETEON

R02 PROFUEL™ STEER 17.5" & 19.5"

PROGEA | SHTB | LEDB | COBe | SSRP

VERSATILITY

M+S

R 17.5

R 19.5

The latest generation of steer tyres for regional transport designed for maximum versatility, efficiency and high safety standards.

The innovative tread pattern with 4 zig-zag shape grooves and robust longitudinal ribs enhances **reduced braking distance**, improved **road holding** and **driving safety**.

The stone ejectors at the bottom of all grooves prevent **stone trapping** for great **durability** and **retreadability**.



The new shoulder tread contour provides uniform footprint contact pressure delivering **even wear** and **mileage** performance, as well as **low noise emission** for maximum **comfort**.

The functional sipes offer great **traction** and superior **snow grip performance**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	245/70 R 17.5	136/134 M	M+S	C	B	A	71dB	√
•	•	265/70 R 17.5	140/138 M	M+S	C	B	A	71dB	√
•	•	205/75 R 17.5	124/122 M	M+S	C	B	A	68dB	√
•	•	215/75 R 17.5	128/126 M	M+S	C	B	A	69dB	√
•	•	225/75 R 17.5	129/127 M	M+S	C	B	A	69dB	√
•	•	235/75 R 17.5	132/130 M	M+S	C	B	A	70dB	√
•	•	245/70 R 19.5	136/134 M	M+S	C	B	A	70dB	√
•	•	265/70 R 19.5	140/138 M	M+S	C	B	A	70dB	√
•	•	285/70 R 19.5	146/144 L	M+S	B	B	A	72dB	√
•	•	305/70 R 19.5	148/145 M	M+S	C	C	A	72dB	√

R02 PROFUEL™ DRIVE 17.5" & 19.5"

PROGEA | SHTB | LEDB | COBe | SSRP

VERSATILITY

M+S

The latest generation of drive tyres for regional transport designed for maximum versaility, efficiency and high safety standards.

The new tread pattern geometry featuring innovative tread block pitch sequence enhances **mileage** and **even wear** for the **maximum safety**.

The innovative bumper technology reduces lateral movement and vibrations enhancing **regular wear**, **acoustic comfort** and **stone trapping prevention**.



The innovative compound delivers **low rolling resistance**, high **grip** and **durability**.

The optimized sipes and transversal grooves design ensure superior **traction** and **snow grip** performance.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	245/70 R 17.5	136/134 M	M+S	C	C	A	73dB	√
•	•	265/70 R 17.5	140/138 M	M+S	C	C	A	71dB	√
•	•	205/75 R 17.5	124/122 M	M+S	C	C	A	70dB	√
•	•	215/75 R 17.5	126/124 M	M+S	C	C	A	70dB	√
•	•	225/75 R 17.5	129/127 M	M+S	C	C	A	71dB	√
•	•	235/75 R 17.5	132/130 M	M+S	C	C	A	72dB	√
•	•	245/70 R 19.5	136/134 M	M+S	C	B	A	73dB	√
•	•	265/70 R 19.5	140/138 M	M+S	C	B	A	72dB	√
•	•	285/70 R 19.5	146/144 L	M+S	C	C	A	72dB	√
•	•	305/70 R 19.5	148/145 M	M+S	C	C	B	74dB	√

R02 PROWAY™ STEER

VERSATILITY

PROGEA | SHTB | SWITe | HR4B | COBe

The latest generation of steer tyres for versatility application, providing competitive mileage, grip and integrity.

Innovative tread pattern design characterized by deep and open grooves deliver excellent **mileage** performance and maximum **safety in wet conditions**.

New sipes design characterized by high density promotes superior **constant grip** on all road surfaces; and high deepeness deliver great **safety** in all weather conditions.



Full rounded grooves prevent stone trapping thus providing high **integrity** and **cracking resistance**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•		315/70 R 22.5	158/150 L (156/150 M)	M+S	C	A	B	73 dB	V
•		295/80 R 22.5	154/149 M	M+S	C	B	A	71 dB	V
•		315/80 R 22.5	158/150 L (156/150 M)	M+S	C	A	B	72 dB	V

R02 PROWAY™ STEER (/60)

VERSATILITY

PROGEA | SHTB | SWITe | HR4B | COBe

The latest generation of steer tyres for versatility application, providing competitive mileage, grip and integrity.

2 narrow grooves deliver excellent **even wear** and **mileage** performance.

3 large grooves enhance **handling** in **severe wet conditions.**

New functional sipes promote superior **grip performance** in different weather conditions for the maximum **safety**.



Progressive entry of the sipes under the footprint provides **driving comfort**.

HGE - **High Grip Evolution** - technology (Prometeon patent). The innovative grooves design enhances **grip performance** throughout the full tyre life, and **low noise generation**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•		315/60 R 22.5	154/148 L	M+S	B	B	A	70 dB	V

PROMETEON

R02 PROWAY™ DRIVE

VERSATILITY

PROGEA | SHTB | SWITe | HR4B | COBe

The latest generation of drive tyres for versatility application, providing competitive mileage, grip and safety.

Deep longitudinal grooves enhance high **mileage**.

Deep and open lateral grooves ensure superior **traction** performance and maximum **safety** in wet conditions.



Deep transversal grooves **prevent stones trapping** thus providing maximum **safety**.

New sipes design characterized by high density promotes **grip** on all road surfaces and in all weather conditions.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•		315/70 R 22.5	158/150 L (156/150 M)	M+S	D	A	B	76 dB	V
•		295/80 R 22.5	152/148 M	M+S	D	B	B	76dB	V
•		315/80 R 22.5	158/150L (156/150M)	M+S	D	A	B	76dB	V

R02 PROWAY™ DRIVE (/60)

VERSATILITY

PROGEA | SHTB | SWITe | HR4B | COBe

The latest generation of drive tyres for versatility application, providing competitive mileage, grip and safety.

The new tread pattern geometry featuring innovative tread block pitch sequence enhances **mileage** and **even wear** for the **maximum safety**.

The innovative bumper technology reduces lateral movement and vibrations enhancing **regular wear**, **acoustic comfort** and **stone trapping prevention**.



The innovative compound delivers **low rolling resistance**, high **grip** and **durability**.

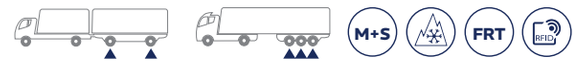
The optimized sipes and transversal grooves design ensure superior **traction** and **snow grip** performance.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•		295/60 R 22*	150/147 L	M+S	C	B	A	73dB	V
•		315/60 R 22.5*	152/148 L	M+S	C	B	A	72 dB	V

PROMETEON

R02 PRO TRAILER 22.5"

VERSATILITY



PROGEA | SHTB | COBe | HR4B | SWiTe

The latest generation of trailer tyres for versatility application, providing competitive mileage, grip and integrity.

The wide tread and deep optimized grooves enhance **regular wear** and **mileage**.

The new pattern geometry provides high land to sea ratio and uniform footprint contact area for **great wet braking** and **effective water drainage**.



The robust shoulder promotes **tear resistance** to chipping and chunking and **resistance to lateral sliding**.

The completely new tread design and the innovative compound promote **low rolling resistance** and **durability**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	385/55 R 22.5	164 K	M+S FRT HL	B	A	A	70 dB	V
•	•	385/65 R 22.5	164 K (158 L)	M+S FRT HL	B	B	A	70 dB	V

R02 PRO TRAILER 17.5" & 19.5"

VERSATILITY

M+S FRT

PROGEA SHTB COBe SWITe

The latest generation of trailer tyres for versatility application, providing competitive mileage, grip and safety.

The innovative tread compound delivers **mileage**, **integrity** and **long tyre life**.

The optimized tread pattern design with wide tread and deep groves enhances **water drainage** and **reduced braking distance** in wet conditions.



The robust shoulder promotes excellent **regular wear**, **tear resistance** to chipping and chunking and **resistance to lateral sliding**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	205/65R17.5	132/130 J (133/133G)	M+S FRT	D	B	A	68dB	V
•	•	245/70R19.5	142/140 K	M+S FRT	C	B	A	70dB	V
•	•	215/75R17.5	136/134 K	M+S FRT	D	B	A	69dB	V
•	•	235/75R17.5	143/141 K (145/145 J)	M+S FRT	C	B	A	71dB	V
•	•	245/70R17.5	143/141 L (146/146 K)	M+S FRT	C	B	A	71dB	V
•	•	265/70R19.5	143/141 K	M+S FRT	C	A	A	70dB	V
•	•	285/70R19.5	150/148 K	M+S FRT	C	C	A	69dB	V

ITINERIS™ S

VERSATILITY

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC HBW

M+S

Steer axle tyre providing great road holding and steering precision, as well as superior grip performance.

The 4 straight shape grooves and robust longitudinal ribs provide enhanced **grip, roadholding, steering precision**, and a **short braking distance.**

Functional sipes enhance **snow and wet grip performance.**



Stone-ejectors at the bottom of the grooves **prevent stone trapping** and protect the casing from damage.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	315/70 R 22.5*	156/150 L (154/150 M)	M+S	C	B	A	72dB	√
	•	295/80 R 22.5*	154/149 M	M+S	C	B	A	69dB	√
	•	315/80 R 22.5	156/150 L (154/150 M)	M+S	D	B	A	72dB	√

(*) STOCK CLEARANCE

ITINERIS™ D

VERSATILITY

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC HBW

M+S

Drive axle tyre providing great even wear, mileage and traction.

The directional tread pattern and optimized tread block pitch sequence enhance high **mileage, even wear,** and **low rolling resistance.**



Transversal grooves with optimized geometry facilitate **easy stone ejection** and provide high **traction**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING			XY dB A B C	
	•	315/70 R 22.5	154/150 L (152/148 M)	M+S	D	C	B 74dB	√
	•	295/80 R 22.5	152/148 M	M+S	D	C	A 73dB	√
	•	315/80 R 22.5	156/150 L (154/150 M)	M+S	D	C	A 73dB	√

ITINERIS™ T

VERSATILITY

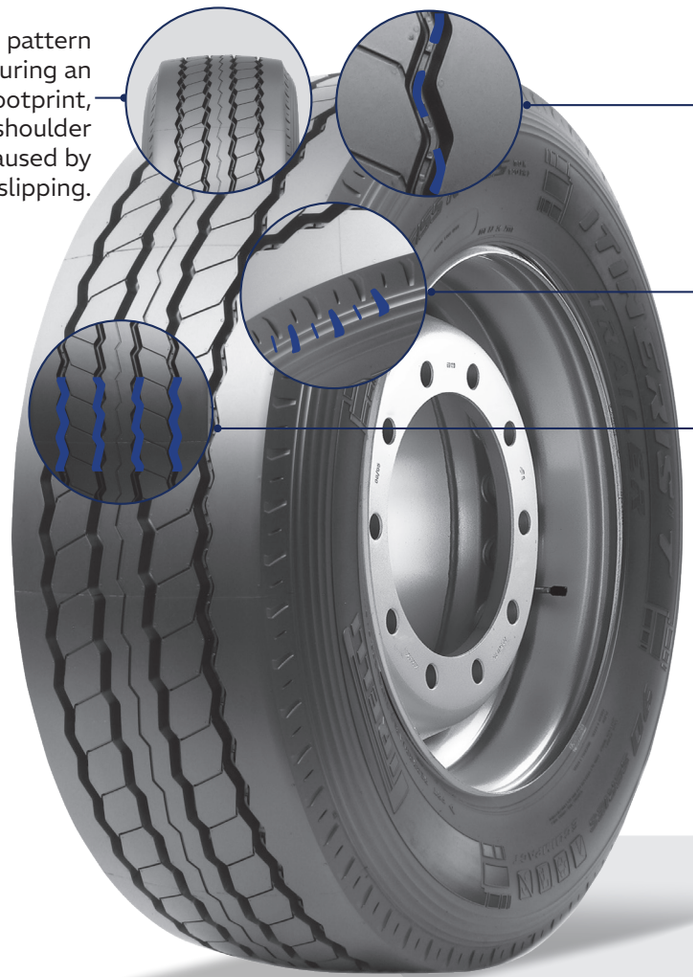
M+S FRT

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC HBW

The latest generation of trailer tyres for versatility application, providing competitive mileage, grip and safety.

The tread pattern design, featuring an optimized footprint, reduces shoulder abrasion caused by lateral slipping.

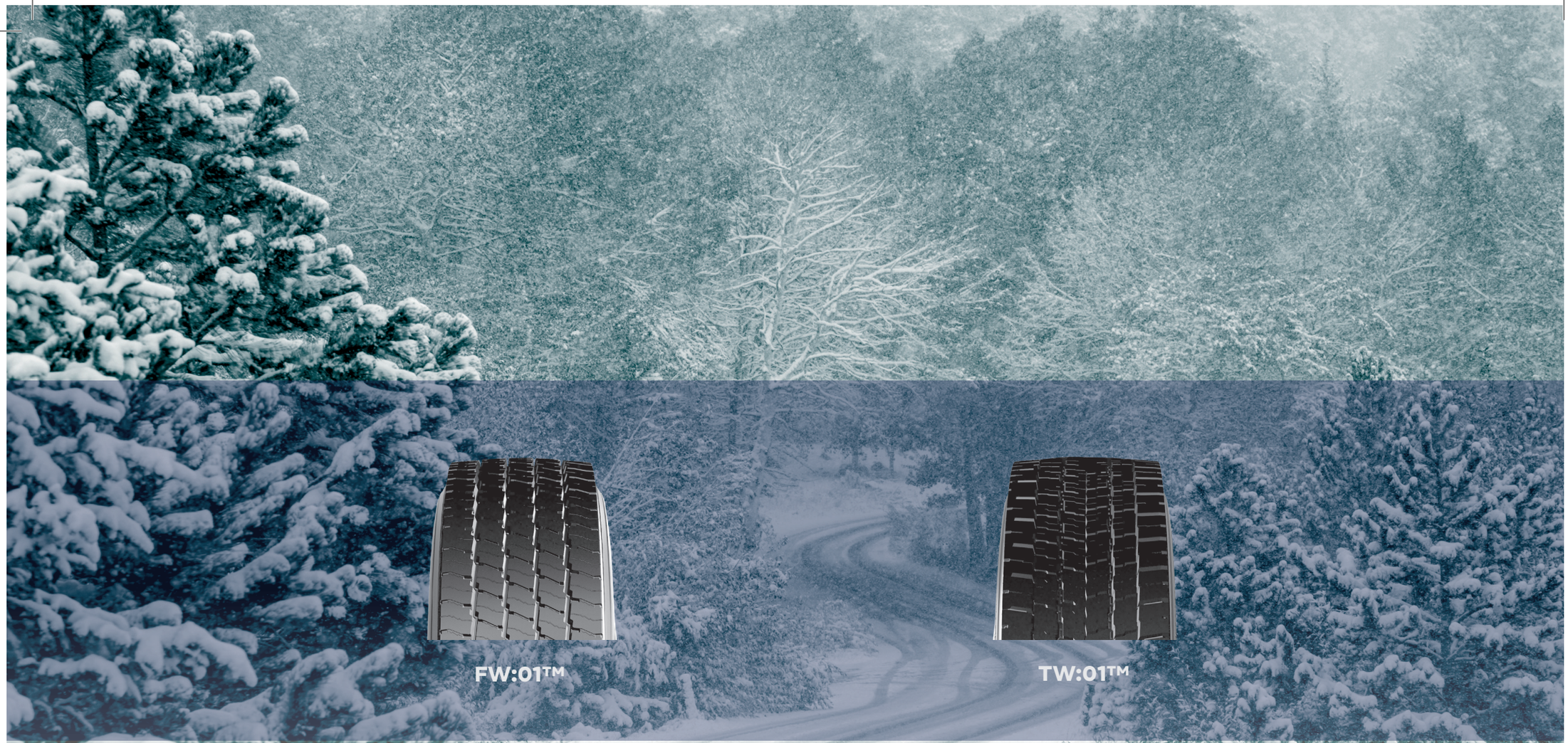


Stone ejectors at the bottom of the lateral grooves **prevent stone trapping** and protect the casing from damage.

Lateral cavities increase ventilation in the buttress area, resulting in low heat generation.

Zig-zag grooves enhance **road holding** on slippery surfaces.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	385/55 R 22.5	160 K	M+S FRT	B	A	B	71dB	√
	•	385/65 R 22.5	160 K (158 L)	M+S FRT	C	A	A	70dB	√



FW:01™

TW:01™

WINTER

PROMETEON

FW:01™

WINTER

M+S

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC HBW RSR

Designed to be reliable and safe in critical winter conditions, while delivering high mileage, grip and retreadability.

Deep siping in the central rib bridges enhances **traction** and **snow grip** beyond half tyre wear.

Dense siping provides excellent **grip** and **steering control** on wet surfaces.



The shoulder tread contour promotes the correct distribution of footprint contact pressure for **even wear** and **high mileage.**

The special tread compound formulation provides **resistance** at low temperatures.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	385/55 R 22.5*	158 L (160 K)	M+S	C	B	B	73dB	√
	•	385/65 R 22.5	158 L (160 K)	M+S	C	B	B	73dB	√
	•	315/70 R 22.5	156/150 L (154/150 M)	M+S	C	B	B	73dB	√
	•	295/80 R 22.5	154/149 M	M+S	C	A	B	72dB	√
	•	315/80 R 22.5	156/150 L (154/150 M)	M+S	C	A	B	72dB	√

(*) RFID MARKING

TW:01™

WINTER

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC

Designed to provide maximum traction on snow covered surfaces and grip on wet and dry roads, while ensuring mileage and retreadability.

The directional tread pattern enhances **grip** performance on both wet and dry surfaces.

The optimized sequence of dense transversal siping and grooves prevents snow trapping for enhanced **'snow on snow' grip, traction,** and **stability.**



Reduced tread block mobility leads to **low rolling resistance**, enhanced **fuel saving**, and **even wear**.

The special tread compound formulation provides **resistance at low temperatures.**

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	315/70 R 22.5	154/150 L (152/148 M)	M+S	D	B	B	75dB	√
	•	295/80 R 22.5	152/148 M	M+S	D	A	B	75dB	√
	•	315/80 R 22.5	156/150 L (154/150 M)	M+S	D	B	B	75dB	√


C02 COACH
MULTIAXLE
C02 COACH
DRIVE
COACH

C02 COACH MULTIAXLE

COACH

SWITe | HR4B | SHTB | COBe | DLTC

M+S

The latest generation of all position tyres designed for passenger transport on medium and long distance promotes reduced operating costs and maximises efficiency thanks to durability and low rolling resistance.

The innovative wave sipes design and 3PMSF markings enhance superior **snow grip** and **handling** in all weather conditions.

The optimized tread pattern design delivers **low noise generation**.



The ejectors at the bottom of the lateral grooves offer **stone trapping prevention, durability and retreadability**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING				
•		295/80 R 22.5	156/150 M	M+S	B	B	A 68dB	V
•		315/80 R 22.5	158/150 L (156/150 M)	M+S HL	B	A	A 69dB	V

C02 COACH DRIVE

COACH

M+S

SWITe | HR4B | SHTB | COBe | DLTC

The latest generation of drive tyres designed for passenger transport on medium and long distance delivers reduced operating costs and maximises efficiency thanks to improved durability and low rolling resistance.

The innovative tread geometry featuring deep and high density siping enhances **traction** throughout tyre life and **reduced braking distances** for the **maximum safety** performance in all weather conditions.

The advanced groove shape design promotes maintenance constant **wet and snow grip** during all tyre life.



The optimized lateral grooves promote high **handling** and **comfort**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING				
•		295/80 R 22.5	156/150 M	M+S HL	B	B	A 69dB	V


U02 URBAN-e
MULTIAXLE
MC88 III
AMARANTO
URBAN

U02 URBAN-e MULTIAXLE

URBAN

PROGEA SHTB SWITe COBe

The latest generation of tyres specifically designed for electric & hybrid engine urban transport, featuring a increased load capacity and improved levels of comfort and sustainability vs. the previous tyre line MC:01.

The new continuous sidewall profile featuring 5,5 mm Indicator of Sidewall Wear (ISW) allows a clear sidewall wear indication.

The optimized sidewall geometry, structure design and stone ejectors in grooves bottom promote maximum **impact resistance** and **durability**.



The new Median Groove Shape design (Prometeon Patent) and innovative high density sipes designed to resist to instant torque delivery transmitted by electric engines promote enhanced **grip**, **traction** and **wet handling** in all weather conditions.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING				
•	•	315/60 R 22.5	156/150 J	M+S HL	B	B	A 72dB	V
•	•	275/70 R 22.5	152/148 J	M+S HL	B	B	A 69dB	V

MC88 III AMARANTO

URBAN

M+S

SATT™ Spiral Advanced Technology for Truck

3SB DLTC HBW

Designed to offer great road grip and mileage for urban transport, in all weather conditions.

The 3-groove design with a broad contact area ensures a **long tread life** and **mileage.**

The zig-zag pattern design provides **traction even in severe winter conditions.**



High density sipes enhance **grip, traction and handling** on slippery surfaces and in all weather conditions.

The sidewall geometry and kerbings on the tyre shoulders provide protection from sidewall impacts and ensure easy operations to gauge the level of residual compound.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING				
	•	275/70 R 22.5	150/148 J (152/148 E)	M+S	C	B	B 72dB	V



G02 ECO MULTIAXLE

G02 ECO DRIVE

G02 PRO MULTIAXLE

FG:01™ II

TG:01™ II

FG88™

TG88™

MG:01™

CONSTRUCTION

G02 ECO MULTIAXLE

CONSTRUCTION

PROGEA | SHTB | COBe | LEDB | SWITe

The latest generation of all position tyres designed for fitment of vehicles used in construction site. Maximum durability and low fuel consumption when driving on asphalt.

The reinforced and connected tread blocks grant maximum **tearing resistance**.

The wide and deep groves design enhance excellent **traction** and high **mileage**.



The built-in stone ejectors in the lateral grooves promote **stone trapping prevention** for the maximum **carcass integrity**.

The closed shoulders ensure great **handling** and **tyre durability**.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	13 R 22.5	158/156K	M+S	C	B	B	72dB	√
•	•	295/80 R 22.5	154/149 L	M+S	C	B	A	71bB	√
•	•	315/80 R 22.5	158/156K	M+S	C	A	B	72dB	√

G02 ECO DRIVE

CONSTRUCTION

PROGEA | SHTB | COBe | LEDB | SWiTe

The latest generation of tyres for fitment on drive axle of vehicles used in construction site. Maximum durability and low fuel consumption when driving on asphalt.

The innovative Bumper Technology promotes the reduction of tread movement and vibrations enhancing **regular wear**, **grip** and **safety**.

The special sipes shape promotes **traction** performances and enhances **low sound emission**.

The additional big stone ejectors enhance **stone trapping and damages of the grooves prevention**, and **long tyre life**.



The built-in stone ejectors in all grooves deliver **stone trapping prevention** for maximum **carcass integrity**.

The waved groove surface (Prometeon patent) offers **easy self-cleaning** and maximum **traction** on all surface conditions.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•	•	13 R 22.5	158/156K	M+S	C	B	B	75dB	√
•	•	295/80 R 22.5	152/149 L	M+S	D	B	B	74dB	√
•	•	315/80 R 22.5	158/156K	M+S	C	B	B	75dB	√

G02 PRO MULTIAXLE

CONSTRUCTION

PROGEA | SHTB | COBe | HR4B | SWiTe

The latest generation of all position tyres for mixed use service featuring low operational costs, extended tyre life and great resistance.

The stone ejectors at the bottom of the grooves promote **stone trapping prevention** for **tyre durability** and **retreadability**.

The optimized tread pattern design with wider tread and deeper grooves promotes high land to sea ratio for great **performance in wet and dry conditions** and high **mileage**.

The shallow pockets and robust shoulders enhance **even wear**.



The innovative Bumper Technology (Prometeon patent) promotes the reduction of tread movement and vibrations enhancing **regular wear**, **traction** and **safety** in any conditions.

The new reinforced casing construction increases **load capacity up to 10 tonnes** per axle.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING				
•	•	385/65 R 22.5	164 K (158 L)	M+S HL	C	B	B 72dB	√
•	•	425/65 R 22.5	165 K	M+S	C	B	B 73dB	√

FG:01™ II

CONSTRUCTION

M+S

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC HBW

Designed for steer and all around fitment of vehicles used in construction site, features high resistance to laceration and grip in off-road and mileage on asphalt road.

Lateral and central grooves with a built-in step enhance **mileage.**

Protection ribs on the sidewall enhance **resistance to lateral impacts** and abrasion.

The increased land to sea ratio provides high performance on asphalt roads and **high mileage.**



315/80 R 22.5 TREAD PATTERN.
13 R 22.5 AND 295/80 R 22.5 TREAD PATTERNS: 3 GROOVES.

Grooves with built-in step stone ejectors prevent stone trapping, leading to **high resistance to lacerations.**

Regroove depth indicators at the groove base facilitate **easy regrooving operations.**

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	13 R 22.5*	156/150 K	M+S	D	A	A	71dB	√
	•	295/80 R 22.5	152/148 L	M+S	D	A	B	73dB	√
	•	315/80 R 22.5*	156/150 K	M+S	D	A	A	71dB	√

(*) STOCK CLEARANCE

TG:01™ II

CONSTRUCTION

M+S

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC HBW

Designed for fitment on drive axle of vehicles used in construction sites, and delivers resistance to laceration, high traction on rough terrains and mud, and mileage on asphalt roads.

The large tread width contributes to increased **mileage.**

The patented protection elements at the bottom of the grooves prevent stone trapping for maximum tyre resistance.



The optimized groove design ensures easy self-cleaning, and enhances **traction**, and **even wear.**

The directional tread pattern provides enhanced **traction**, **acoustic comfort**, and **even wear.**

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	13 R 22.5*	156/150 K	M+S	D	A	B	74dB	√
	•	295/80 R 22.5	152/148 L	M+S	E	A	B	76dB	√
	•	315/80 R 22.5*	156/150 K	M+S	E	B	B	74dB	√

FG88™

CONSTRUCTION

M+S

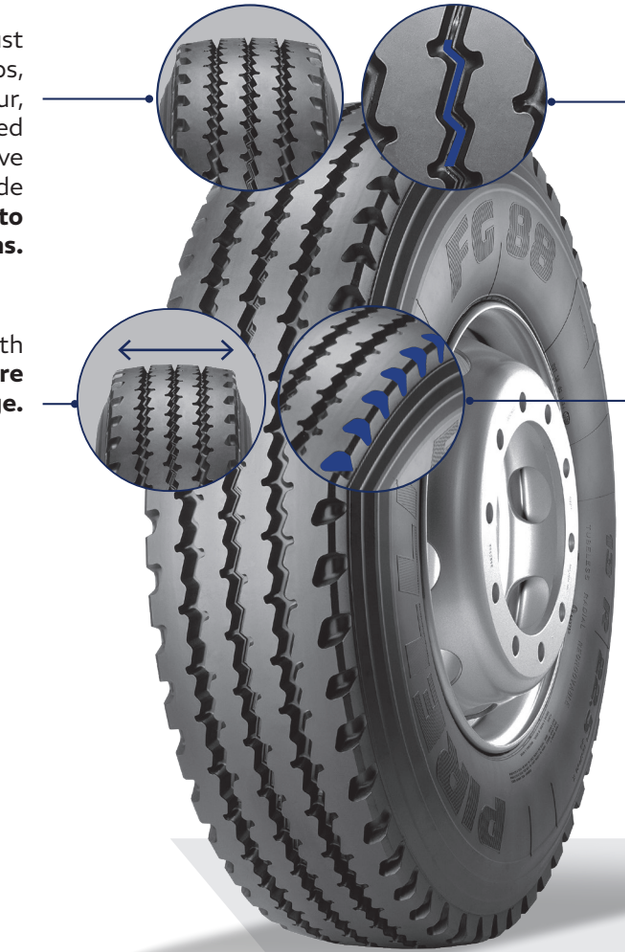
SATT™ Spiral Advanced Technology for Truck

3SB DLTC FRC HBW

Steer axle tyre designed to ensure resistance to tears and lacerations and mileage in construction sites. Lower operating temperatures promote tyre integrity and retreadability.

Robust circumferential ribs, a rounded contour, and an optimized tread groove profile provide high **resistance to lacerations.**

The large tread width enhances **long tyre life** and **mileage.**



Stone ejectors at the bottom of the central groove promote **stone trapping prevention** and protect the casing from damage.

Zig-zag longitudinal grooves and wide transversal shoulder grooves enhance **grip performance** on any surface.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	13 R 22.5	156/150 K	M+S	D	B	A	70dB	√
	•	315/80 R 22.5	156/150 K	M+S	D	B	B	72dB	√

TG88™

CONSTRUCTION

M+S

SATT™ Spiral Advanced Technology for Truck

3SB DLTC FRC HBW

Drive axle tyre designed to deliver resistance to tears and lacerations and mileage in construction sites. Lower operating temperatures benefit tyre integrity and retreadability.

Robust shoulder blocks, a massive central rib, and optimized sectional transversal grooves provide **resistance to tears and lacerations.**

The large tread width enhances **long tyre life** and **mileage**.



Wide and deep transversal grooves enhance **roadholding** and **traction** on slippery surfaces.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	13 R 22.5	156/150 K	M+S	D	B	B	74dB	√
	•	315/80 R 22.5	156/150 K	M+S	D	B	B	74dB	√

MG:01™

CONSTRUCTION

M+S

SATT™ Spiral Advanced Technology for Truck

3SB BWC DLTC FRC

All position tyre designed for rugged and mixed service, granting maximum resistance and high mileage.

Reinforced tread blocks provide **tearing resistance.**

Grooves with built-in stone ejectors prevent stone trapping, leading to high **resistance to lacerations.**



Regroove depth indicators at the groove base ensure **easy regrooving operations.**

Protection ribs on the sidewalls enhance **resistance to impact and scratching.**

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	265/70 R 19.5	143/141 K	M+S	D	B	A	72dB	√



TQ:01™ ROCK

QUARRY & MINE

TQ:01™ ROCK

QUARRY AND MINE

M+S POR

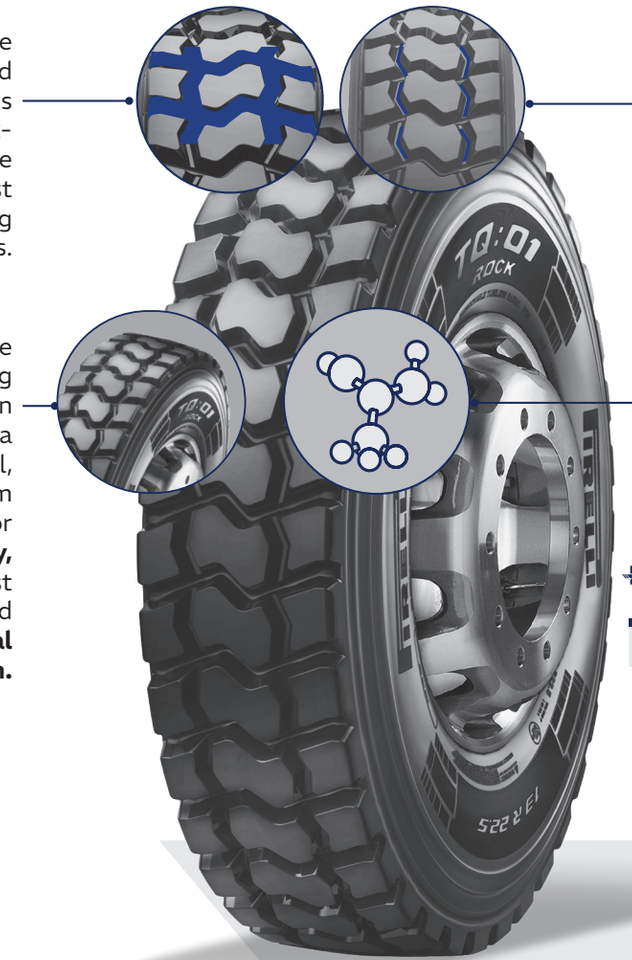
SATT™ Spiral Advanced Technology for Truck

3SB DLTC FRC HBW BWC RSR

Designed to equip all axles on vehicles used on off-road routes in highly aggressive conditions such as mining, quarrying and heavy construction.

The new groove geometry and transversal lugs design with a helix-shape provide **traction** in the most difficult operating conditions.

The innovative tyre structure, featuring thicker rubber on the belts and a reinforced sidewall, provides maximum tyre protection for long **durability, resistance** against lacerations and cuts, and **accidental impact prevention.**



The bridge between the tread blocks and the efficient groove shape design increase block stiffness, extend tire life, provide high **self-cleaning capabilities**, and improve **carcass durability.**

The new tread compound ensures **high mileage** and long **resistance to cutting and chipping.**

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	13 R 22.5	158/156 G	M+S HL POR					



S02 PISTA



PS22 PISTA

SPECIAL USE

S02 PISTA

SPECIAL USE

M+S POR

PROGEA SHTB COBe SWiTe

Great structural integrity for extreme and demanding off-the-road situations and various types of terrains. Ideal for traction on natural loose surfaces, tracks, mud, grass and sand, even on asphalt.

The waved walls grooves provide great contact surface for maximum **traction** on both snow and inconsistent terrain (sand).

The s-shaped tread design enhances great **comfort** and **low noise generation** when driving on asphalt.



The bridges between tread blocks minimize tread stress for maximum **durability**.

Available in both **tube and tubeless versions**. The tubeless version permits the use of the special "bead lock" and "run flat" systems inside the tyre.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
•		14.00 R 20	164/160 K (166 J)	M+S POR ML					
•		14.00 R 20	168/166 K	M+S POR HD					
•		335/80 R 20	150 K	M+S POR MPT					
•		365/85 R 20	164 K	M+S POR					
•		395/85 R 20	168 K	M+S POR					
•		365/80 R 20	158 K	M+S POR					

PS22 PISTA

SPECIAL USE

M+S POR

PROGEA SHTB COBe SWITe

Great structural integrity for extreme and demanding off-the-road situations and various types of terrains. Ideal for traction on natural loose surfaces, tracks, mud, grass and sand, even on asphalt.

Robust blocks, alternating with deep grooves, ensure **maximum traction**, particulary on soft natural surfaces (grass, mud, etc.)or inconsistent terrain (sand).



The tough ties between the tread blocks provide **excellent protection against tearing and chunking.**

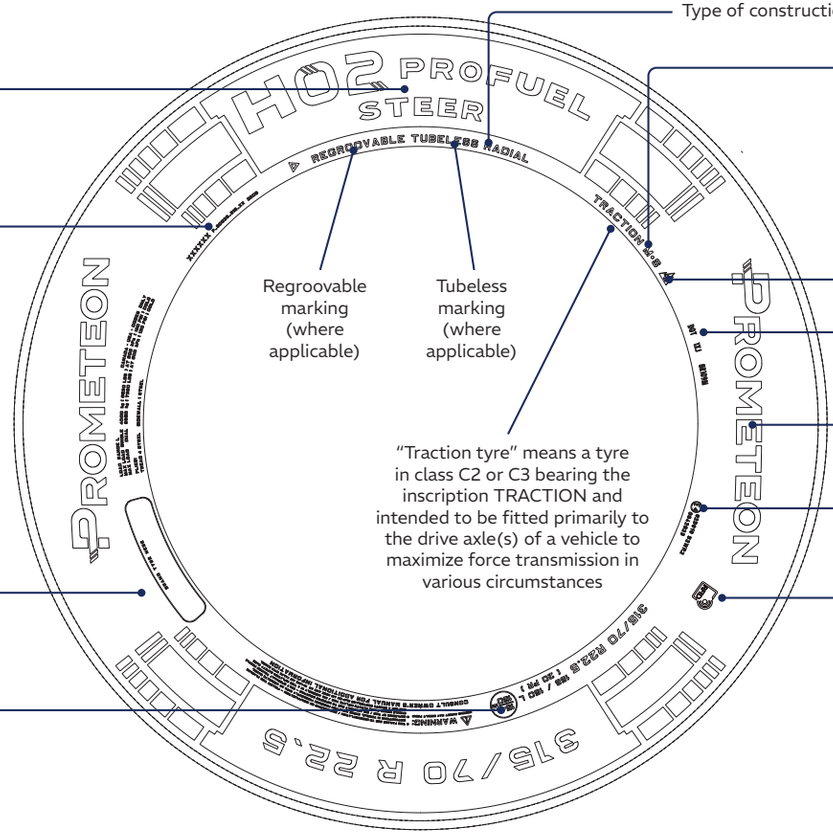
Available in both tube and tubeless versions. The tubeless version permits the use of the **special "bead lock"** and **"run flat" systems** inside the tyre.

PROMETEON	PIRELLI TRUCK BUS AGRO OTR	SIZE	LOAD INDEX / SPEED CODE	MARKING					
	•	14.00R20	164/160 G	M+S					
	•	335/80R20	149 K	M+S					
	•	365/80R20	152 K	M+S					
	•	365/85R20	164 G	M+S					
	•	395/85R20	168 G (161 J)	M+S					

TYRE MARKINGS

Nominal aspect ratio or series (H/S*100)

315/70	R	22.5	156/150	L	
Nominal section width (or width code)	Construction code	Nominal rim diameter (Code)	Load indices (single / dual)	Speed symbol	Ply rating. Indicates different versions (load capacity/inflation pressure) of tyres having the same size designation
12.00	R	20	154/150	K	20PR



Product name

Mould reference number

Position for operator's own brand (where required)

Supplementary service description. Load indices and speed symbol for specific service conditions

Type of construction

Regroovable marking (where applicable)

Tubeless marking (where applicable)

"Traction tyre" means a tyre in class C2 or C3 bearing the inscription TRACTION and intended to be fitted primarily to the drive axle(s) of a vehicle to maximize force transmission in various circumstances

The inscription "M+S" or "M.S" or "M&S" in the case of a tyre designed to ensure in mud and fresh or melting snow a performance better than that of a normal tyre

The "Alpine" symbol ("3-peak-mountain with snowflake") for all categories if the tyre is classified in the category of use "snow"

North American Department of Transportation compliance symbol and identification number

Brand name

Compliance with the European Directive 2001/43/EC on noise level

Radio frequency identification device (RFID)

PROMETEON

LOAD AND SPEED TABLES

CONVERSION OF LOAD INDICES (LI) INTO LOAD CAPACITIES PER TYRE [KG AND LBS]

LI	KG	LBS
80	450	990
81	462	1020
82	475	1045
83	487	1075
84	500	1100
85	515	1135
86	530	1170
87	545	1200
88	560	1235
89	580	1280
90	600	1325
91	615	1355
92	630	1390
93	650	1435
94	670	1475
95	690	1520
96	710	1565
97	730	1610
98	750	1655
99	775	1710
100	800	1765
101	825	1820
102	850	1875
103	875	1930
104	900	1985
105	925	2040
106	950	2095
107	975	2150
108	1000	2205
109	1030	2270
110	1060	2335

LI	KG	LBS
111	1090	2405
112	1120	2470
113	1150	2535
114	1180	2600
115	1215	2680
116	1250	2755
117	1285	2835
118	1320	2910
119	1360	3000
120	1400	3085
121	1450	3195
122	1500	3305
123	1550	3415
124	1600	3525
125	1650	3640
126	1700	3750
127	1750	3860
128	1800	3970
129	1850	4080
130	1900	4190
131	1950	4300
132	2000	4410
133	2060	4540
134	2120	4675
135	2180	4805
136	2240	4940
137	2300	5070
138	2360	5205
139	2430	5355
140	2500	5510

LI	KG	LBS
141	2575	5675
142	2650	5840
143	2725	6010
144	2800	6175
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6945
149	3250	7165
150	3350	7385
151	3450	7605
152	3550	7825
153	3650	8045
154	3750	8265
155	3875	8545
156	4000	8820
157	4125	9095
158	4250	9370
159	4375	9645
160	4500	9920
161	4625	10195
162	4750	10470
163	4875	10745
164	5000	11025
165	5150	11355
166	5300	11685
167	5450	12015
168	5600	12345
169	5800	12785
170	6000	13230

SPEED SYMBOLS [KM/H & MPH]

SYMBOL	E	F	G	J	K	L	M	N	P	Q	R	S	T
KM/H	70	80	90	100	110	120	130	140	150	160	170	180	190
M.P.H.	43	50	56	62	68	75	81	87	93	99	106	112	118

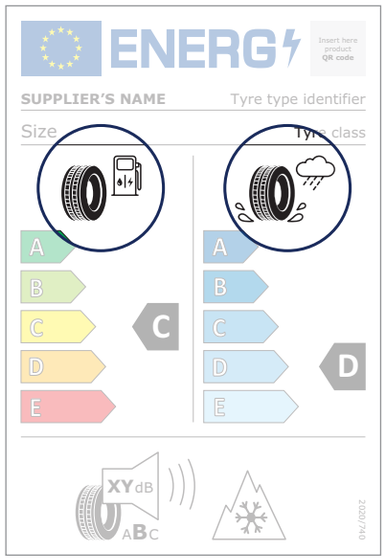
EU TYRE LABELLING REGULATION N. 2020/740

Regulation (EC) No 1222/2009 first introduced the obligation of placing car and van tyres on the EU market with a sticker showing the label with information on the fuel efficiency (rolling resistance), wet grip and external noise of the tyres.

Under the (EU) 2020/740 regulation, bus and truck tyres are also covered.

In addition to fuel efficiency, safety and noise emission, the EU Energy Label reports also 3PMSF marking and QR code to access to a public database where the label information are stored and accessible to all.

Careful driving with awareness helps the environment and safety. Actual fuel savings and road safety heavily depend on drivers' behaviour and correct tyre management and care:
- eco-driving can significantly reduce fuel consumption;
- tyre pressure needs to be regularly checked to optimize fuel efficiency and wet grip;
- braking distances must always be respected.



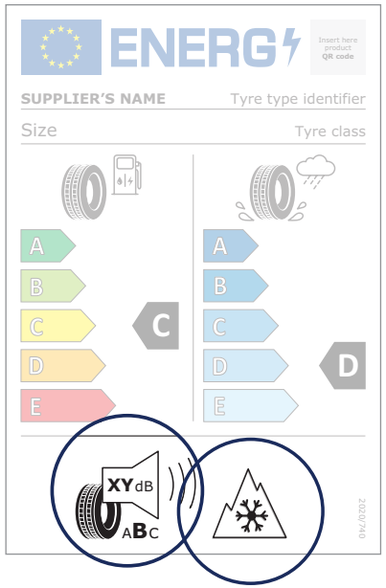


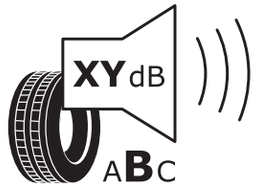
FUEL EFFICIENCY associated to the tyre's rolling resistance.
Rolling Resistance is a force acting opposite to the travel direction when the tyre is rolling.
Considering that tyres contribute up to 20% of the overall fuel consumption for a car and up to 33% for a truck (for long haulage application), it is important to reach low Rolling Resistance values.
Let's understand how it works: due to the vehicle load, the tyre is deformed in the contact area with the road surface dissipating energy in form of heat. The higher deformations, the higher the rolling resistance and consequently more fuel consumption and CO2 emissions.
In the EU tyre regulation label, rolling resistance is expressed in grades, ranging from A (best grading) to E (worst grading) for industrial vehicles and cars.



SAFETY associated to the tyre's wet grip.
Wet grip is one of the most important safety performance of a tyre. Excellent grip on wet means shorter braking distances when driving in rainy weather.
There are other important parameters which are relevant for safety, but wet grip was chosen as the most representative situation in order to compare different tyres.
It ranges from A (shorter braking distance on wet asphalt) to E for truck. The difference between each grade means an increase or decrease in stopping distance of roughly 2 and 3 meters when braking from 60 km/h to 20Km/h.

EU TYRE LABELLING REGULATION N. 2020/740





EXTERNAL NOISE LEVEL (given in decibels)

Traffic noise is a relevant environmental issue determined by several factors such as traffic intensity, vehicle type, driving style, tyre-road interaction. The value indicated in the label is not the internal that the driver will perceive while driving, but the external one, that is contributing to acoustic pollution.
It is expressed in decibel (dB) and split in 3 categories:

- A class (best performance): at least 3dB less than the Limit Value of EU reg. 661/2009;
- B class: compliant with the limit value of EU reg 661/2009;
- C class (worst performance): compliant with omologative limits but over the limit value of EU reg. 661/2009.



TYRE FOR USE IN SEVERE SNOW CONDITIONS

(3PMSF symbol)
The tyre bearing this symbol is specifically designed for use in severe snow conditions and can bear the symbol only after a specific test for the measurement of snow grip performances.
The pictogram known as 'Alpine Symbol' or '3 Peaks Mountain Snow Flake' or (3PMSF) is also included on the tyre label of a tyre which satisfies the minimum snow grip index values set out in the 2020/740 regulation that provide also the testing method.
Many European countries are increasing the adoption of legislations that allow the vehicles circulation during winter season only to vehicles provided with tyres bearing Alpine symbol in some different conditions (roads, regions or periods).

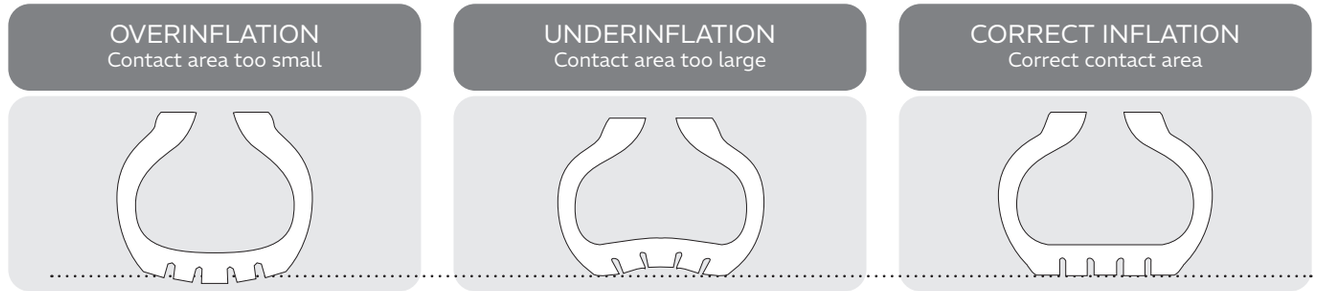
EPREL database / Product information sheet

(European Product Registry for Energy Labelling)

According to the EU label regulation 2020/740, tires sold in Europe must have an Energy Label and the related information must be registered on the EPREL.
Through the QR code displayed on the Label or Trademark and Tyre Type Identifier, consumers can access the public web portal and download:
- official EU Label values;
- product information sheet, which includes the designation data and grading for each Tyre Type Identifier.

INFLATION PRESSURE

This is one of the factors that mostly influences tyre efficiency. It is the compressed gas in the tyre that supports the load. Incorrect pressure, whether associated with overinflation or underinflation, will either have the effect of over "supporting" the tyre and causing casing stress, or under "supporting" it, with a consequent increase in flexing and generation of an excessive amount of heat, and this may cause tyre failure. Flexing during service is a function of the load supported by the tyre and of the inflation pressure; it is predetermined in the design phase to optimise the tyre performance. Inflation pressure must always depend upon the actual load per axle, to guarantee the proper tyre flexing. Overload leads to similar effects as underinflation. When the correct pressure is used even the tyre footprint area, i.e.: the contact surface between the tread and the road, will be optimal and this is a determining factor to guarantee even wear.



We should recall that the pressure must be measured when the tyre is cold, after the vehicle has been standing for several hours.

With regards to pressure check, we recommend compliance with the following instructions:

USE	PRESSURE CHECK (DAYS)*			
ON/OFF ROAD	1	7	10	15
Radius of activity up to 100 km			•	
Radius of activity over 100 km		•		
On building sites in one shift		•		
On building sites in 2/3 shifts	•			
ON	1	7	10	15
km covered per month up to 8000 km				•
km covered per month over 8000 km		•		

DO NOT "BLEED" TYRES

One of the causes of underinflation is the practice of "bleeding" tyres i.e. reducing the pressure in tyres which have run, warmed up and, therefore, increased in pressure above their starting pressure. Due to casing deflection, all tyres generate heat in operation. This causes the inflation air to warm up, it will try to expand but, because it is confined and cannot, the pressure increases. Such increase is quite normal and tyres are designed safely to withstand it. If air is let out to reduce the pressure, it will mean that the tyre is working at too great a defection for a hot tyre, i.e. it is in fact under inflated in relation to the load carried. The increased deflection will generate even more heat: the tyre may again reach the higher pressure, but it will be hotter still.

(*) Make sure the valve cap is always properly screwed. The spare wheel must be checked as well.

STORAGE IN A ROW ON PALLETS (BEST METHOD)

STORAGE OF PRODUCTS

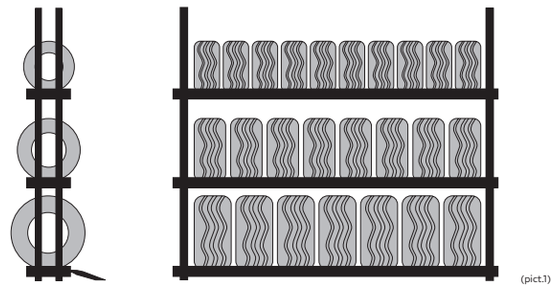
Moist conditions should be avoided. Care must be taken to ensure no condensation occurs. Tyres have to be stored inside in cool, dry and moderately ventilated conditions. Skylights and windows have to be positioned such that sunlight does not fall directly onto the stored products. The storage temperature should be ideally between 5°C and 25°C, not above 35°C. The effects of low temperature fall directly onto the stored products. Care should be taken therefore to avoid distorting them during handling at that temperature, because cracks may appear. In case of stacking tyres in piles, the following rules must be followed for method, stack height etc:

SECTION WIDTH		MAX NO. TYRES PER PILE	NO. OF TYRES FOR ANCHORAGE
Light truck and truck	Up to 8" or 205 mm	10	+2
	9" – 10"or 215-255 mm	9	+2
	11"-12" or 265-315 mm	8	+2
	Over 12" or 315 mm	4	+2

SHORT TERM STORAGE

Up to 4 weeks, tyres can be stored in stacks, one on top of the other, preferably on a fixed rack or on stackable pallets, reforming the stack inverting the order of the tyres on a weekly basis. In all cases when tyres are stored in stacks, it is necessary to ensure that there is no partial misplacement from the vertical plane, in order to avoid any permanent deformation of the lower tyres in the stack.

The maximum height of the stack must not exceed 1.2m and the tyres in the stack must all be of the same dimension.



(pict.1)

INNER TUBES AND VALVES

Whether inner tubes are supplied by the producer in single boxes, large boxes or wrapped in plastic film, it is always preferable to maintain the original packaging.
In alternative they can be stored also slightly inflated, inserted within the tyre, or piled deflated, up to a maximum height of 50 cm, on racking shelves with a closed base, accurately avoiding that the valve can damage the surface of the tube when squashed under the pressure of their own weight.
Ensure that the tubes do not overlap the edge of the plane on which they are stored to avoid accidental laceration. It is not recommended to store on slatted pallets because the pressure applied to the tubes will not be uniform. Do not hang inner tubes during storage. Valves should be stored in their packaging in a clean, well ventilated and dry location.

FLAPS

Flaps should preferably be placed within the tyre together with the inner tube. If they are stored separately, they should be placed horizontally, in a pile on a shelf, protected from dust, grease, humidity, ozone and direct sunlight. To avoid deformation and stretching they must not be hung up in any way.

STOCK ROTATION

The storage location must be organized in such a way as to guarantee constant stock rotation, limiting to the minimum the storage period of the tyres. Products which enter storage first must be the first to leave. First in, first out.

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