



# TRUCK AND BUS PRODUCT GUIDE

2015-2016



# WHY PRIMEWELL TYRES ?

**PRIMEWELL** takes pride in being at the forefront of new technology, constantly seeking new ways to improve the driving experience. These advances are made while always keeping the needs of various types of drivers in mind. Only after thorough research, analysis, and testing, the tires are developed for local markets depending on their specific conditions and requirements.

**PRIMEWELL** is fully committed to maintaining the very highest standard of quality control procedures and has obtained ISO9001:2000 and ISO/TS16949:2009 accreditation for all manufacturing plants. In addition, the facilities have also obtained ISO14001-2004 Environmental Management System Accreditation.

All tires produced by **PRIMEWELL** are designed to meet or exceed the standards for all legal directives, regulations and standards. E-mark Safety and Noise Certification tests are performed and accredited by top level global and local organizations.

**PRIMEWELL's** research and development efforts have enabled the development of high quality global tires, and have also helped improve product design and production technology in maintaining a leading market position. In addition to in-house research and development capabilities, **PRIMEWELL** also collaborates with various leading universities and top research institutions, including the National Quality Examination Centre for Rubber Tire, Smithers Research Laboratories in the USA, and TUV Automotive GmbH Tire/Wheel Test Centre in Germany.

**PRIMEWELL** has also made a significant investment in its own tire testing facility, the European Technical Centre (ETC), which is located at the internationally acclaimed MIRA Ltd. (Motor Industry Research Association). The ETC provides development and evaluation capacity to **PRIMEWELL's** Research and Development Centre. The facility focuses on the development of quality tire products for worldwide applications in both the replacement and original equipment markets.

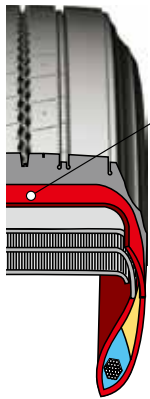


# Table of Contents

	Page
<b>Table of Content</b>	1
<b>Market Segments</b>	2
<b>Pattern Range</b>	4
<b>Long Haul</b>	6
<ul style="list-style-type: none"><li>• Interstate and Highway</li><li>• Long distance routes</li><li>• Constant speeds with minimal braking and accelerating</li><li>• Well paved road conditions</li></ul>	
<b>Regional</b>	16
<ul style="list-style-type: none"><li>• Regional highways and city streets</li><li>• Flexible in a variety of applications</li><li>• Frequent braking, acceleration and turning</li><li>• Mainly on paved road, occasional use on unpaved road conditions</li></ul>	
<b>Mixed Service</b>	28
<ul style="list-style-type: none"><li>• Frequent use both on and off road</li><li>• Heavy Loads</li><li>• Construction</li></ul>	
<b>Urban</b>	38
<ul style="list-style-type: none"><li>• Constant stop and go operating conditions</li><li>• Frequent speed changes and turning</li><li>• Increased risk of damage from curbing impacts</li></ul>	
<b>Product Range</b>	40
<b>Recommendations for the use of PRIMEWELL Truck Tires</b>	43
<b>Designations, Load and Speed Index</b>	44



## Equal Force Carcass



EFC is PRIMEWELL Tire's specially designed carcass technology enabling an optimal tire footprint and equal force distribution resulting in both better control and regular tread wear.

Improved regular wear means higher removal mileage



Better control and less noise



## Cap & Base Tread design

Cap layer provides wear resistant qualities and the base rubber between the top layer and the casing includes a special cooler running formulation insulating casing from heat build up.



Cap (top) layer has wear and irregular wear-resistant qualities



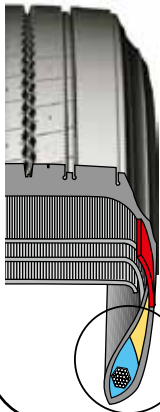
Base is cool-running, insulates casing from heat

Advanced design delivers higher mileage performance, increased retreadability and improved reliability



## DUO FILLER

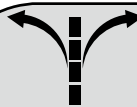
is the combination of two bead fillers: Hard and Soft



Soft Bead filler helps provide a more comfortable ride and smoother handling

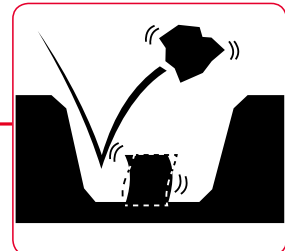


Hard Bead Filler is stiff for better durability



## Stone Ejector

Stone Ejector prevents stone trapping in the grooves and reduces the risk of penetration into the tire belts, which can cause rust inside the tire construction and significantly reduce tire performance.



## Sidewall Protection Rib



Improved casing life expectancy through increased resistance to road hazards



Ex-Depth Solid Shoulder increased volume on the shoulder area resulting in more even wear especially on long haul applications.

OPEN AREA



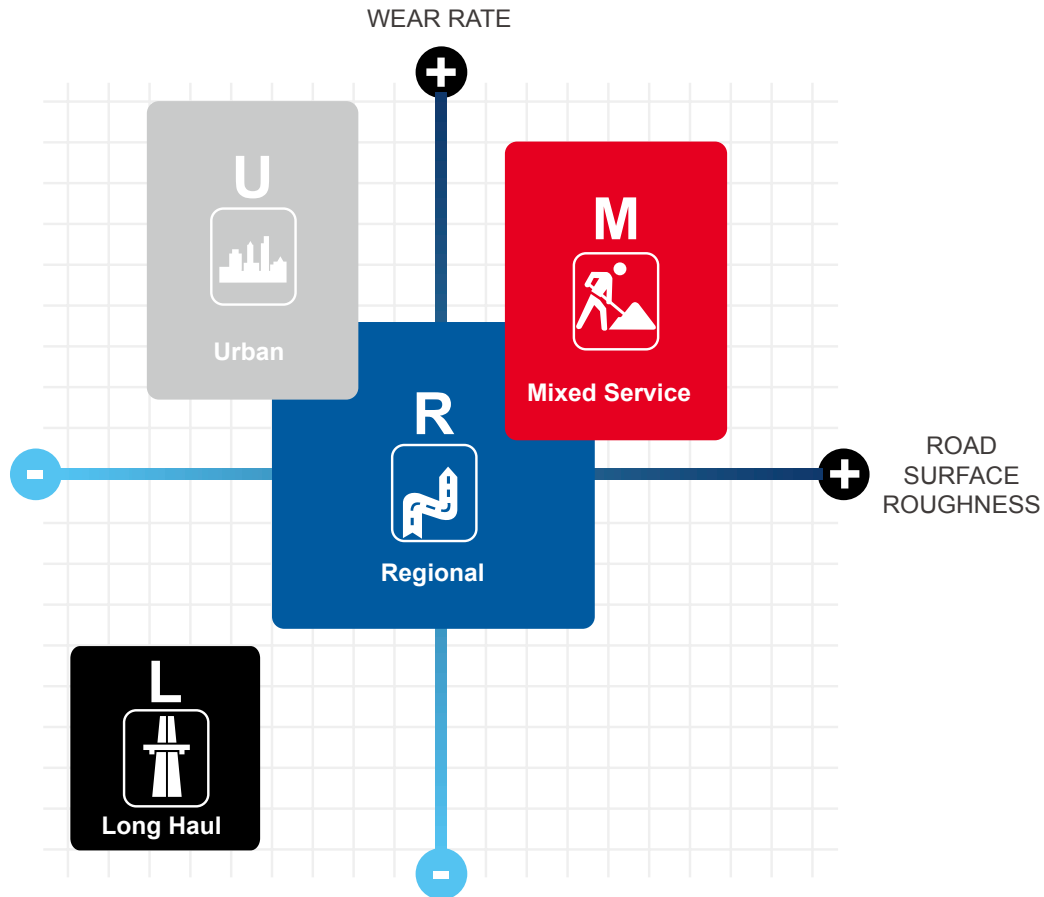
Ex-Depth Open Shoulder allows greater traction and improved resistance to heel and toe wear.







# TIRE APPLICATIONS

Tires designed and developed for specific application requirements

Using the latest design and manufacturing technology PRIMEWELL Tire has developed a range of Mission Matched tires to meet the ever increasing demands of today's transport operations.



 <p>Long Haul</p>	<p><b>Long Haul Operation:</b></p> <ul style="list-style-type: none"> <li>• Interstate and Highway</li> <li>• Long distance routes</li> <li>• Constant speeds with minimal braking and accelerating</li> <li>• Well paved road conditions</li> </ul>	 <p>Mixed Service</p>	<p><b>Mixed Service Operation:</b></p> <ul style="list-style-type: none"> <li>• Frequent use both on and off road</li> <li>• Heavy Loads</li> <li>• Construction</li> </ul>
 <p>Regional</p>	<p><b>Regional Operation:</b></p> <ul style="list-style-type: none"> <li>• Regional highways and city streets</li> <li>• Flexible in a variety of applications</li> <li>• Frequent braking, acceleration and turning</li> <li>• Mainly on paved road, occasional use on unpaved road conditions</li> </ul>	 <p>Urban Road</p>	<p><b>Urban Operation:</b></p> <ul style="list-style-type: none"> <li>• Constant stop and go operating conditions</li> <li>• Frequent speed changes and turning</li> <li>• Increased risk of damage from curbing impacts</li> </ul>

# PATTERN RANGE

Long Haul



Regional



POSITION		ROAD	
	Steer	 <b>PW210-p.7</b>	 <b>PW202-p.8</b>
		 <b>PAL516-p.17</b>	 <b>PSR120-p.18</b>
	Drive	 <b>PW212+-p.20</b>	 <b>PW215-p.21</b>
		 <b>PW02-p.22</b>	 <b>PW612-p.25</b>
	Trailer	 <b>PW805-p.9</b>	 <b>PDL312-p.10</b>
		 <b>PW610-p.11</b>	 <b>PW630-p.12</b>
	Trailer	 <b>PTL711-p.13</b>	 <b>PW902+-p.14</b>
		 <b>PW930+-p.15</b>	 <b>PAL516-p.17</b>
	Trailer	 <b>PTR721-p.26</b>	 <b>PW802-p.27</b>

Mixed Service



Urban



PW01N-p.29



PW01-p.30



PAM532-p.31



PAM519-p.32



PW11-p.33



PAU561-p.39



PW825+-p.36



PAO530-p.37



PW01N-p.29



PW01-p.30



PAM532-p.31



PAM519-p.32



PW11-p.33



PAU561-p.39



PDM331-p.34



PW825+-p.36



PW605-p.35



PAO530-p.37



PW01N-p.29



PW01-p.30



PAM532-p.31



PAM519-p.32



PW11-p.33



PAU561-p.39



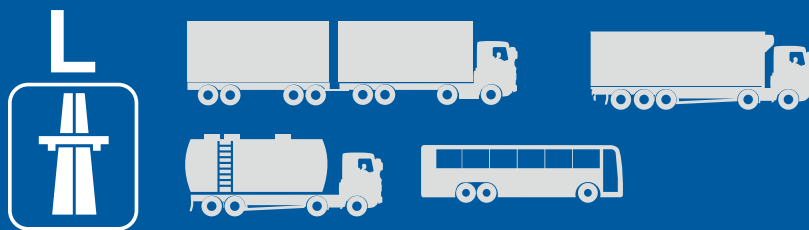
PW825+-p.36



PAO530-p.37



# Long Haul



## Long Haul Operation:

- Interstate and Highway
- Long distance routes
- Constant speeds with minimal braking and accelerating
- Well paved road conditions



# PW210



**Steer**  
**HighwayService**



## Features

Deep tread depth

Stabilizer ribs

Multiple sipes in five ribs

## Benefit

▶ Long original tread life

▶ Prevents initiation & spread of irregular wear

▶ Optimum traction & braking

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
315/70R22.5	18PR	154/150(152/148)	L(M)	9.0	1014	3750/3350	900/900	14.3
295/80R22.5	16PR	152/148	M	9.0	1044	3550/3150	850/850	16.8
315/80R22.5	18PR	154/151(156/151)	M(L)	9.0	1076	3750/3450	830/830	16.8



# PW202



**Steer**  
**Highway Service**



## Features

Unidirectional pattern

Five rib and four wide straight grooves

Multiple micro sipes at ribs edge

## Benefit

▶ Excellent maneuverability & handling

▶ Precise handling and excellent traction & braking on dry/wet roads

▶ Improve overall traction

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
9R22.5	14PR	136/134	M	6.75	974	2240/2120	830/830	13.8
11R22.5	16PR	148/144	M	8.25	1054	3150/2800	830/830	14.3
12R22.5	16PR	152/148	M	9.00	1085	3550/3150	850/850	15.4
295/80R22.5	16PR	152/148	M	9.00	1044	3550/3150	850/850	14.8
315/80R22.5	18PR	154/151(156/151)	M(L)	9.00	1076	3750/3450	830/830	15.3



# PW805



**Drive  
Highway Service**



## Features

Three zigzag groove design

Specific tread compound design

## Benefit

▶ Help excellent resistance to wet-sliding and uneven wear

▶ Low heat-generation and better wear-resistant performance

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
12.00R24	18PR	158/155	K	8.5	1225	4250/3875	830/830	17.0



# PDL312



**Drive  
Highway Service**



## Features

- Deep tread depth
- Aggressive tread pattern
- Solid shoulder ribs

## Benefit

- ▶ Improves traction and mileage
- ▶ Solid grip on wet and dry roads
- ▶ Evenly distribute load and prevent irregular wear

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
10.00R20	16PR	146/143	K	7.5	1054	3000/2725	830/830	17.5
11.00R20	16PR	150/147	K	8.0	1085	3350/3075	830/830	17.5
12.00R20	18PR	154/151	K	8.5	1125	3750/3450	830/830	17.5



# PW610



**Drive  
Highway Service**



## Features

- Deeper groove depth
- Specific shoulder design
- Interlocking sipes
- Wide footprint with square shoulders

## Benefit

- ▶ Extend long life
- ▶ Provide excellent water-evacuation and heat dispersion
- ▶ Help provide exceptional longitudinal traction
- ▶ Help provide enhanced stability

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
215/75R17.5	12PR	126/124	M	6.00	767	1700/1600	724/724	14.5
235/75R17.5	14PR	132/130	M	6.75	797	2000/1900	760/760	15.0
315/70R22.5	18PR	154/150(152/148)	L(M)	9.00	1014	3750/3350	900/900	20.2
295/80R22.5	16PR	152/148	M	9.00	1044	3550/3150	850/850	20.2
315/80R22.5	18PR	154/151(156/151)	M(L)	9.00	1076	3750/3450	830/830	20.2



# PW630



**Drive  
Highway Service**



## Features

Wider tread, deeper groove and special compound

Special sipe on pattern

Widen crown and enhanced rib-reinforcement

Variable pitch

Vertical and horizontal groove

## Benefit

▶ Improved longer tire life

▶ 30% of snow tire performance in the early stage

▶ Resistance of shoulder irregular wear

▶ Reduce noise

▶ For long haul on drive position

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
295/80R22.5	16PR	152/148	M	9	1044	3550/3150	850/850	17.2



# PTL711



**Trailer  
Highway Service**



## Features

Extra wide tread

Four circumferential grooves

Special tread compound

Stone ejectors design

## Benefit

▶ Extend tread life

▶ Ensures even pressure distribution

▶ Reduced rolling resistance

▶ Prevent stone penetration inside the belt

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
215/75R17.5	16PR	135/133	J	6.00	767	2180/2060	860/860	14.0
235/75R17.5	16PR	143/141(144/144)	J(F)	6.75	797	2725/2575	860/860	13.5
265/70R19.5	18PR	143/141	J	7.50	867	2725/2575	850/850	13.4
285/70R19.5	18PR	150/148	J	8.25	895	3350/3150	900/900	13.4
385/55R22.5	20PR	160/-(158/-)	K(L)	12.25	996	4500	900	15.0
385/65R22.5	18PR	160/-(158/-)	K(L)	11.75	1072	4500	900	14.0



# PW902+



**Trailer  
Highway Service**



## Features

Five circumferential groove design

Specific tread compound

Circumferential groove and specific tread design

## Benefit

▶ Equate tread pressure and abrasion

▶ Low heat generation and strong resistance to abrasion

▶ Help to low rolling resistance and energy-saving

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
385/65R22.5	18PR	158/- (160/-)	L(K)	11.75	1072	4250	850	14.0



# PW930+



**Trailer  
Highway Service**



## Features

Widened tread design

Special protruding on base groove

Widened shoulder design

Circumferential groove with specific compound

## Benefit

▶ Improve tire life effectively

▶ Avoid of stone-biting

▶ Improve resistance to shoulder abrasion

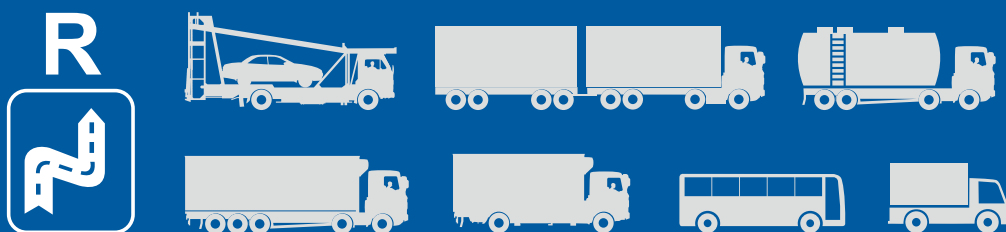
▶ Low rolling resistance and fuel-economy

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
11.00R20	16PR	150/147	K	8.0	1085	3350/3075	830/830	14.5



# Regional



## Regional Operation

- Regional highways and city streets
- Flexible in a variety of applications
- Frequent braking, acceleration and turning
- Mainly on paved road, occasional use on unpaved road conditions



# PAL516



**All Position  
Regional Service**



## Features

Special Shoulder Design  
with Extra Thick Sidewalls

Extra-Wide Tread Design

4 Circumferential Grooves

Stone Ejection Technology

Circumferential rib design

## Benefit

▶ Extends Tire Life

▶ Higher Mileage

▶ Better Fuel Efficiency

▶ Enhances Durability

▶ Provide reliable direction-handling



## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
7.00R16LT	14PR	118/114	M	5.50F	775	1320/1180	770/770	11
7.50R16LT	14PR	122/118	M	6.00G	805	1500/1320	770/770	12
8.25R16LT	16PR	128/124	M	6.50H	855	1800/1600	770/770	12.5



# PSR120



**Steer**  
**Regional Service**



## Features

Redesigned casing construction

New groove design eliminate all stone trapping

Wide footprint with massive shoulder design

## Benefit

▶ improved comfort, stability and driver satisfaction

▶ Protect casing and increase retreadability

▶ Provide very regular wear pattern and high mileage

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
315/70R22.5	18PR	154/150(152/148)	L(M)	9.0	1014	3750/3350	900/900	15.0
295/80R22.5	18PR	152/149	M	9.0	1044	3550/3250	900/900	14.8
315/80R22.5	18PR	156/150(154/150)	L(M)	9.0	1076	4000/3350	850/850	16.8



# PW212



**Steer**  
**Regional Service**



## Features

Five rib design

Wide straight grooves

Crossing sips in intermediate ribs

Equal rib distribution

## Benefit

▶ Excellent handling and maneuverability

▶ Exceptional water evacuation for wet traction

▶ Enhance traction and tread life

▶ Tread scrubbing resistance

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
215/75R17.5	16PR	135/133	J	6.00	767	2180/2060	860/860	12.5
215/75R17.5	12PR	126/124	M	6.00	767	1700/1600	724/724	12.5
235/75R17.5	16PR	143/141	J	6.75	797	2725/2575	860/860	13.5
235/75R17.5	14PR	132/130	M	6.75	797	2000/1900	760/760	13.5
245/70R19.5	16PR	136/134	M	7.50	839	2240/2120	830/830	14.1
265/70R19.5	16PR	140/138	M	7.50	867	2500/2360	790/790	13.4
285/70R19.5	16PR	146/144(144/142)	L(M)	8.25	895	3000/2800	900/900	13.4
11R22.5	16PR	148/145	M	8.25	1054	3150/2900	830/830	17.2
255/70R22.5	16PR	140/137(140/140)	M(L)	7.50	930	2500/2300	830/830	14.1
295/75R22.5	14PR	144/141	M	9.00	1014	2800/2575	760/760	17.5



# PW212+



**Steer**  
**Regional Service**



## Features

Specific tread compound design

Four circumferential grooves

Anti-stone-biting design

## Benefit

- ▶ Low heat generation and superb resistance to abrasion
- ▶ Better resistance to wet-sliding with even tread wear, and comfortable drive-handling
- ▶ Low rolling resistance, riding comfort, and low fuel consumption

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
10.00R20	16PR	146/143	K	7.5	1054	3000/2725	830/830	15.0
11.00R20	16PR	150/147	K	8.0	1085	3350/3075	830/830	15.0
12.00R20	18PR	154/151	K	8.5	1125	3750/3450	830/830	17.5



# PW215



**Steer  
Regional Service**



## Features

Big block pattern

Reinforced bead construction

Even stress

Zigzag grooves and solid shoulder design

Circumferential rib design

## Benefit

▶ Provide superb resistance to abrasion

▶ Make endurance more excellent

▶ Driving stably, riding comfort

▶ Provide superb antiskid and anti-abrasion performance

▶ Provide reliable direction-handling

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
13R22.5	18PR	154/150(156/150)	L(K)	9.75	1124	3750/3350	850/850	17.2
315/80R22.5	18PR	154/151(156/151)	K(J)	9.00	1076	3750/3450	830/830	18.5
9.00R20	16PR	144/142	K	7.00	1019	2800/2650	900/900	14.5
10.00R20	16PR	146/143	K	7.50	1054	3000/2725	830/830	16.0
11.00R20	16PR	149/145	K	8.00	1085	3270/2870	790/790	16.5



# PW02



## Steer Regional Service



### Features

- Four zigzag groove design
- Variable pitch design
- Optimization of bead construction
- Specific tread compound
- Professional design of groove and usage of anti-tearing compound

### Benefit

- ▶ Provide an excellent resistance to wet-sliding and irregular wear
- ▶ Reduce rolling noise greatly
- ▶ Show the outstanding performance of endurance
- ▶ Help better resistance to abrasion
- ▶ Avoid of groove cracks effectively

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
8.25R16LT	14PR	126/122	M	6.50H	855	1700/1500	670/670	12.0
11R22.5	16PR	148/144	M	8.25	1054	3150/2800	830/830	14.3
7.50R20	14PR	130/128	M	6.00	935	1900/1800	830/830	13.0
8.25R20	14PR	136/134	M	6.50	974	2240/2120	830/830	15.0
9.00R20	16PR	144/142	K	7.00	1019	2800/2650	900/900	15.0
10.00R20	16PR	146/143	K	7.50	1054	3000/2725	830/830	16.0
11.00R22	18PR	154/151	K	8.00	1135	3750/3450	930/930	16.5
12.00R24	18PR	156/153	K	8.50	1225	4000/3650	790/790	17.0



# PW602



**Drive  
Regional Service**



## Features

Aggressive lug design

Optimum tread design

Central dual serrated  
elements

## Benefit

▶ Excellent traction on wet & dry roads

▶ Long tread life

▶ Provides exceptional stability & traction

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
8.25R16LT	14PR	126/122	K	6.50H	855	1700/1500	670/670	13.0
11R22.5	16PR	148/144	M	8.25	1054	3150/2800	830/830	17.2
12R22.5	16PR	152/148	M	9.00	1085	3550/3150	850/850	17.2
295/80R22.5	16PR	152/148	M	9.00	1044	3550/3150	850/850	16.3
315/80R22.5	18PR	154/151(156/151)	M(L)	9.00	1076	3750/3450	830/830	17.5



# PW622+



**Drive  
Regional Service**



## Features

Widened tread and deeper depth

Specific pattern design

Lug pattern for all-weather

## Benefit

▶ Extend tire life

▶ Avoid of irregular wear

▶ Provide excellent traction

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
12R22.5	16PR	152/148	L	9.0	1096	3550/3150	850/850	23.1
315/70R22.5	18PR	154/150(152/148)	L(M)	9.0	1014	3750/3350	900/900	23.1
295/80R22.5	16PR	152/148	M	9.0	1044	3550/3150	850/850	23.1
315/80R22.5	18PR	156/150(154/150)	L(M)	9.0	1076	4000/3350	850/850	23.1
10.00R20	16PR	146/143	K	7.5	1054	3000/2725	830/830	16.5
11.00R20	16PR	150/147	K	8.0	1085	3350/3075	830/830	17.0



# PW612



**Drive  
Regional Service**



## Features

Diagonal interlocking block and lug design

Wide tapered grooves

Unique lug pattern

## Benefit

► Consistent traction

► Prevent stone retention

► Efficient wet traction and self cleaning

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
7.50R16LT	14PR	122/118	K	6.00G	805	1500/1320	770/770	12.5
8.25R16LT	14PR	126/122	K	6.50H	855	1700/1500	670/670	13.0
245/70R19.5	16PR	136/134	M	7.50	839	2240/2120	830/830	14.8
265/70R19.5	16PR	140/138	M	7.50	867	2500/2360	790/790	14.8
265/70R19.5	14PR	137/134	M	7.50	867	2300/2120	760/760	14.8
285/70R19.5	16PR	144/142(145/143)	M(L)	8.25	895	2800/2650	830/830	14.8



# PTR721



**Trailer  
Regional Service**



## Features

Wide central blocks and  
solid closed shoulder  
Special tread compound

## Benefit

- ▶ Excellent traction and handling
- ▶ Provides extended tread life

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
385/65R22.5	18PR	160/-(158/-)	K(L)	11.75	1072	4500	900	15.5



# PW802



**Trailer  
Regional Service**



### Features

Wide central blocks and solid closed shoulder

Special tread compound

### Benefit

▶ Excellent traction and handling

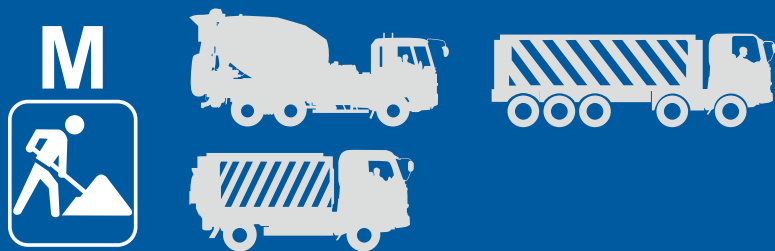
▶ Provides extended tread life

### SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
385/65R22.5	18PR	158/-(160/-)	L(K)	11.75	1072	4250	850	15



# Mixed Service



## Mixed Service Operation

- Frequent use both on and off road
- Heavy Loads
- Construction



# PWO1N

**All Position  
Mixed Service**



## Features

Combination of rib & lug pattern  
Special cut & chip compound

Tread compound

## Benefit

- ▶ Excellent traction and maneuverability
- ▶ Provides resistance to cutting and tearing
- ▶ Long tread life

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
10.00R20	18PR	149/146	K	7.5	1054	3250/3000	930/930	16.0
11.00R20	18PR	152/149	K	8.0	1085	3550/3250	930/930	16.5



# PW01



**All Position  
Mixed Service**



## Features

Combination of rib & lug pattern

Special cut & chip compound

Tread compound

## Benefit

▶ Excellent traction and maneuverability

▶ Provides resistance to cutting and tearing

▶ Long tread life

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
7.00R16LT	14PR	118/114	M	5.50F	775	1320/1180	770/770	11.0
7.50R16LT	14PR	122/118	M	6.00G	805	1500/1320	770/770	12.5
8.25R16LT	14PR	126/122	M	6.50H	855	1700/1500	670/670	12.5
11R22.5	16PR	148/144	M	8.25	1054	3150/2800	830/830	15.8
13R22.5	18PR	154/150(156/150)	L(K)	9.75	1124	3750/3350	790/790	16.8
315/80R22.5	20PR	156/153	J	9.00	1076	4000/3650	850/850	16.8
315/80R22.5	18PR	154/151(156/151)	L(K)	9.00	1076	3750/3450	830/830	16.8
11R24.5	16PR	149/146	M	8.25	1104	3250/3000	830/830	15.8
8.25R20	14PR	136/134	M	6.50	974	2240/2120	830/830	14.0
9.00R20	16PR	144/142	K	7.00	1019	2800/2650	900/900	15.0
10.00R20	16PR	146/143	K	7.50	1054	3000/2725	830/830	16.0
11.00R20	16PR	150/147	K	8.00	1085	3350/3075	830/830	16.5
12.00R20	18PR	154/151	K	8.50	1125	3750/3450	830/830	17.0
12.00R24	18PR	156/153	K	8.50	1225	4000/3650	790/790	17.0
12.00R24	20PR	160/156	K	8.50	1225	4500/4000	900/900	17.0



# PAM532



## All Position Mixed Service



### Features

- Cutting resistance design
- Strong shoulder design
- Central independent block with semi-open-shoulder

### Benefit

- ▶ Extend tire life
- ▶ Protect sidewall and minimize impact damage
- ▶ Provide excellent drive force and reduction of noise

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
385/65R22.5	18PR	160/-(158/-)	K(L)	11.75	1072	4500	900	17.9



# PAM519



**All Position  
Mixed Service**



## Features

Durable Tread Formula

Optimized Shoulder Design

High-Strength Casing Material  
with Optimized Bead Structure

Optimized Groove Width Ratio  
with Circumferential Z-Shaped  
Center Groove

## Benefit

▶ "No Chunking or Chipping" on  
Tread Surface

▶ Less Bulges

▶ Less Blowouts

Stronger Driving Force

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
12R22.5	18PR	152/149	K	9	1085	3550/3250	930/930	15.3
295/80R22.5	18PR	152/149	K	9	1044	3550/3250	900/900	14.8
315/80R22.5	18PR	154/151(156/151)	L(K)	9	1076	3750/3450	830/830	16.8
11.00R20	18PR	152/149	K	8	1085	3550/3250	930/930	15.3
12.00R20	20PR	156/153	K	8.5	1125	4000/3650	900/900	15.3



# PW11



## All Position Mixed Service



### Features

Specific tread compound design

Specific layout of notch and groove on tread

### Benefit

► Provide better resistance to cutting and puncturing

► Better for gripping, heat-dispersion, water-evacuation, as well as self-cleaning

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
9.00R20	16PR	144/142	K	7.0	1019	2800/2650	900/900	16.0
10.00R20	16PR	146/143	K	7.5	1054	3000/2725	830/830	16.3
11.00R20	16PR	149/145	K	8.0	1085	3270/2870	790/790	17.0



# PDM331



**Drive**  
**Mixed Service**



## Features

Wider tread, deeper groove and special compound

Big block and widen lug groove

Directional and gradually open lug pattern

## Benefit

► Improved longer tire life

► With better traction performance

► With better self-clean performance

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
13R22.5	18PR	154/150(156/150)	K(G)	9.75	1124	3750/3350	790/790	23.1
295/80R22.5	18PR	152/149	K	9.00	1050	3550/3250	900/900	22.6
315/80R22.5	18PR	156/150	K	9.00	1076	4000/3350	830/830	23.1



# PW605



**Drive**  
**Mixed Service**



## Features

Big block with reinforced rib design

Interveined pattern and deeper groove

Specific tread compound

## Benefit

▶ Enhance anti-punturing and anti-cutting

▶ Provide excellent brake force

▶ Good anti-abrasion performance

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
7.00R16LT	14PR	118/114	K	5.50F	775	1320/1180	770/770	14.5
7.50R16LT	14PR	122/118	K	6.00G	805	1500/1320	770/770	15.0
8.25R16LT	16PR	128/124	K	6.50H	855	1800/1600	770/770	15.0
13R22.5	18PR	154/150(156/150)	K(G)	9.75	1124	3750/3350	790/790	20.6
8.25R20	14PR	136/134	K	6.50	974	2240/2120	830/830	17.0
9.00R20	16PR	144/142	K	7.00	1030	2800/2650	900/900	18.5
10.00R20	18PR	149/146	K	7.50	1065	3250/3000	930/930	19.0
12.00R20	20PR	156/153	J	8.50	1136	4000/3650	900/900	20.2
12.00R24	18PR	156/153	K	8.50	1225	4000/3650	790/790	20.2



# PW825+



**All Position  
Off Road**



## Features

Special compound for adverse road and thicken base rubber

Rough pattern transverse grooves

Special deepening pattern

Pattern bottom super strong rib design

Wide angle pattern wall design

## Benefit

▶ Super excellent anti-cut, anti-puncture

▶ Provide high traction, self-cleaning performance

▶ Improve tire life effectively

▶ Prevent pattern block fallen effectively

▶ Good for anti-stone-biting

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
10.00R20	18PR	149/146	F	7.5	1065	3250/3000	930/930	22.6
11.00R20	18PR	152/149	F	8.0	1096	3550/3250	930/930	23.5
12.00R20	20PR	156/153	F	8.5	1136	4000/3650	900/900	24.5



# PAO530



**All Position  
Off Road**



## Features

Strong casing Shock resistant Robust bead Minimizes beadseparation

Optimized Shoulder Design and Formula Reduces shoulder separation

Special Tread Formula for Unpaved Roads Excellent resistance to punctures, cuts, and tears

Lateral Grooves with Wide Angles Outstanding driving performance and self-cleaning abilities

## Benefit

- ▶ "Less Blowouts"
- ▶ "Less Bulges"
- ▶ "No Tread Chunking"
- ▶ Adapts to Unpaved and Hilly Roads

**NEW**

## SIZE RANGE

TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
11.00R20	18PR	152/149	F	8.0	1096	3550/3250	930/930	23.0
12.00R20	20PR	156/153	F	8.5	1136	4000/3650	900/900	23.5



# Urban

## U



### Urban Operation

- Constant stop and go operating conditions
- Frequent speed changes and turning
- Increased risk of damage from curbing impacts



# PAU561



**All Position**



## Features

Sidewall protector

Solid shoulder design

Wider tread and deep groove

## Benefit

▶ Protect sidewall effectively

▶ Enhance cornering stiffness on shoulder

▶ Enhance long life

## SIZE RANGE













TIRE SIZE	PR	LOAD INDEX	SPEED RATING	APPROVED RIM	OUTER DIAMETER (mm)	MAX. LOAD (KG)	MAX. PRESSURE (KPA)	TREAD DEPTH (mm)
275/70R22.5	16PR	148/145(152/148)	J(E)	8.25	958	3150/2900	900/900	18.7

# PRODUCT RANGE



									
TIRESIZE	PW210	PW202	PW805	PDL312	PW610	PW630	PTL711	PW902+	PW930+
215/75R17.5					126/124M		135/133J		
235/75R17.5					132/130M		143/141J		
265/70R19.5							143/141J		
285/70R19.5							150/148J		
9R22.5		136/134M							
11R22.5		148/144M							
12R22.5		152/148M							
295/80R22.5	152/148M	152/148M			152/148M	152/148M			
315/70R22.5	154/150L				154/150L				
315/80R22.5	154/151M	154/151M			154/151M				
385/55R22.5							160/LK		
385/65R22.5							160/LK	158/L	
10.00R20				146/143K					
11.00R20				150/147K					150/147K
12.00R20				154/151K					
12.00R24			158/155K						



											
TIRE SIZE	PAL516	PSR120	PTR721	PW02	PW212	PW212+	PW215	PW602	PW612	PW622+	PW802
7.00R16LT	118/114M										
7.50R16LT	122/118M								122/118K		
8.25R16LT	128/124M			126/122M				126/122K	126/122K		
215/75R17.5					126/124M 135/133J						
235/75R17.5					132/130M 143/141J						
245/70R19.5					136/134M				136/134M		
265/70R19.5					140/138M				137/134M 140/138M		
285/70R19.5					146/144L				144/142M		
11R22.5				148/144M	148/145M			148/144M			
12R22.5								152/148M		152/148L	
13R22.5							154/150L				
255/70R22.5					140/137M						
295/75R22.5					144/141M						
295/80R22.5		152/149M						152/148M		152/148M	
315/70R22.5		154/150L								154/150L	
315/80R22.5		156/150L					154/151K	154/151M		156/150L	
385/65R22.5			160/-K								158/L
7.50R20				130/128M							
8.25R20				136/134M							
9.00R20				144/142K			144/142K				
10.00R20				146/143K		146/143K	146/143K			146/143K	
11.00R20						150/147K	149/145K			150/147K	
12.00R20						154/151K					
11.00R22				154/151K							
12.00R24				156/153K							

# PRODUCT RANGE



TIRE SIZE	PAM519	PAM532	PDM331	PW01	PW01N	PW11	PW605	PAO530	PW825+	PAU561
7.00R16LT				118/114M			118/114K			
7.50R16LT				122/118M			122/118K			
8.25R16LT				126/122M			128/124K			
11R22.5				148/144M						
11R24.5				149/146M						
12R22.5	152/149K									
13R22.5			154/150K	154/150L			154/150K			
275/70R22.5										148/145J
295/80R22.5	152/149K		152/149K							
315/80R22.5	154/151L		156/150K	154/151L 156/153J						
385/65R22.5		160/-K								
8.25R20				136/134M			136/134K			
9.00R20				144/142K		144/142K	144/142K			
10.00R20				146/143K	149/146K	146/143K	149/146K		149/146F	
11.00R20	152/149K			150/147K	152/149K	149/145K		152/149F	152/149F	
12.00R20	156/153K			154/151K			156/153J	156/153F	156/153F	
12.00R24				156/153K 160/156K			156/153K			

# Recommendations for the use of PRIMEWELL Truck Tires

## SAFETY

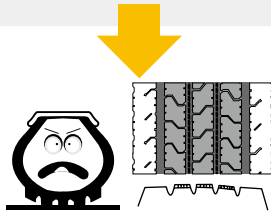
Important instructions for safe inflation



**Tire pressure directly influences tire life and safety**

### Over-inflation reduces:

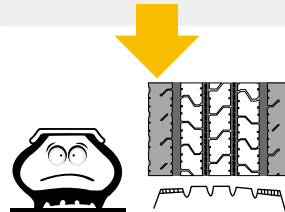
- Comfort
- Traction
- Braking Efficiency
- Tire life span, particularly on drive axle tires.
- Tread life



Over-inflation

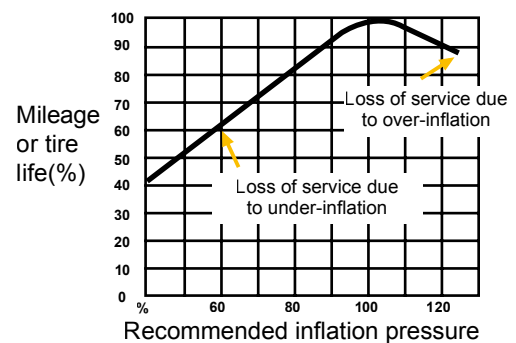
### Under-inflation leads to:

- Reduced vehicle handling and safety
- A reduction in casing retreadability
- An increase in rolling resistance and fuel consumption
- Heat build-up



Under-inflation

Effect of inflation pressure on tire life



## ADVICE BEFORE INFLATION

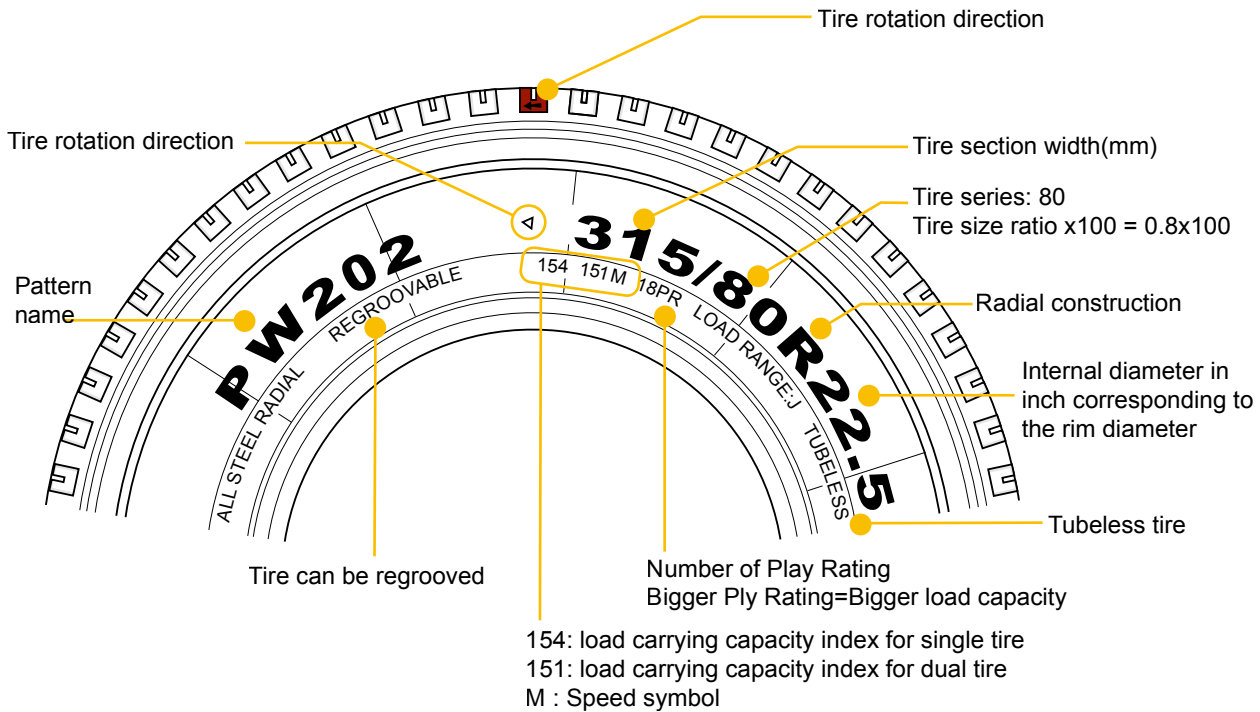
- 1 Weigh your vehicle and its load, axle by axle, to determine tire pressure.
- 2 Measure the pressure when cold (when the vehicle has been stationary for several hours): pressures must be checked at regular intervals and during each service.
- 3 Important safety instruction: pressure increases when the vehicle is in motion, never reduce the pressure of a hot tire.
- 4 Pressure gauges: must be accurate, handled with care and calibrated regularly



### Caution:

Driving with insufficient pressure can damage your tires. After having driven with a severely underinflated tire, do not re-inflate tires: have your tires fully checked over by an expert.

# Designations, Load and Speed index



Refer to the Speed Symbols and Load Capacity Index tables below



Before fitting, it is essential to check the different markings to ensure that the tires meet the maximum load and speed possibilities and/or the regulations in force.

## Speed symbols

SI	km/h
B	50
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170

## Load Capacity Index

LI	KG	LI	KG	LI	KG
115	1215	136	2240	157	4125
116	1250	137	2300	158	4250
117	1285	138	2360	159	4375
118	1320	139	2430	160	4500
119	1360	140	2500	161	4625
120	1400	141	2575	162	4750
121	1450	142	2650	163	4875
122	1500	143	2725	164	5000
123	1550	144	2800	165	5150
124	1600	145	2900	166	5300
125	1650	146	3000	167	5450
126	1700	147	3075	168	5600
127	1750	148	3150	169	5800
128	1800	149	3250	170	6000
129	1850	150	3350	171	6150
130	1900	151	3450	172	6300
131	1950	152	3550	173	6500
132	2000	153	3650	174	6700
133	2060	154	3750	175	6900
134	2120	155	3875	176	7100
135	2180	156	4000	177	7300



***PRIMEWELL***