

PRIMEWELL



**Commercial Truck and Bus
Product Guide
2024**

Why PRIMEWELL Tires?

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.





R&D Centers at a Glance

Locations:

- R&D Centre in China
- R&D Centre in Indonesia
- R&D Centre in Akron, USA
- R&D Tire Testing Centre in Indonesia
- R&D Centre Europe in Hanover, Germany

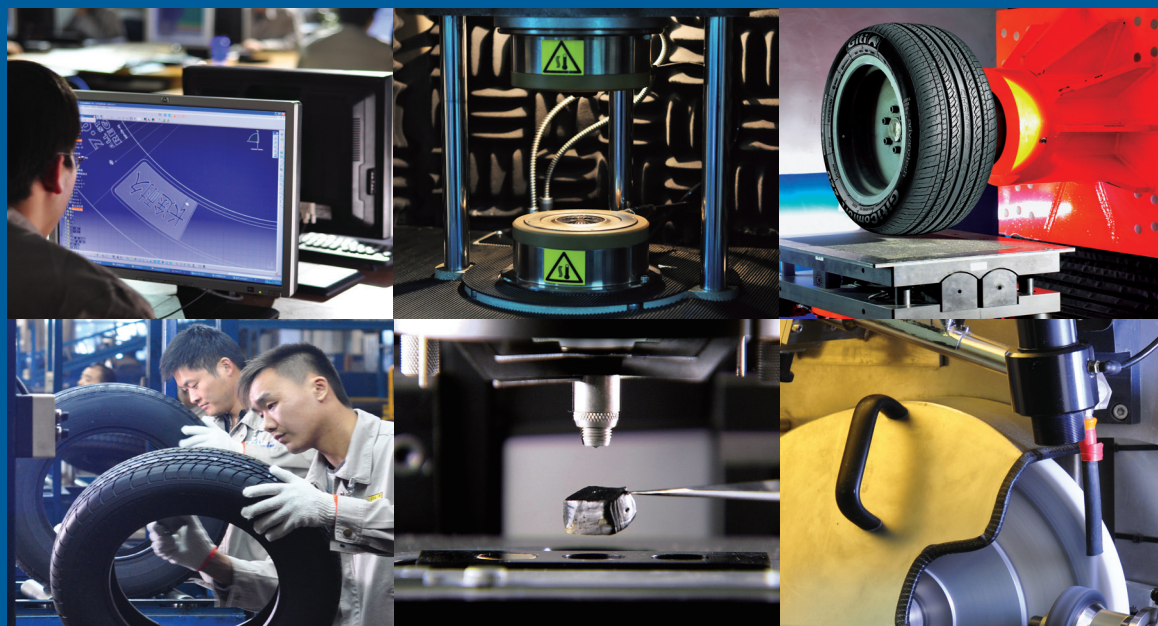
A team of over 600 experienced R&D engineers in five cutting-edge facilities and top quality equipment ensure the upmost quality of tire production and delivery. Apart from conducting our own research and development, we also collaborate with leading universities and research institutes around the world.

Strong R&D Capabilities

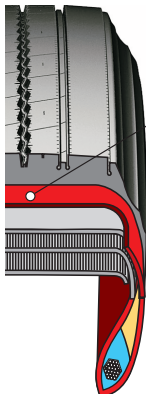
Our higher purpose: To make world-class quality tires

We are consistently looking for new ways in every aspect of design and development to make our customers' journey to wherever they need to go as enjoyable as possible.

Our mission is much more than just the products that we make. It is what defines us, unites us, and inspires us to make a difference every day: in our company, our community, and our world.



EFC 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

\$

😊

CB TREAD DESIGN 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

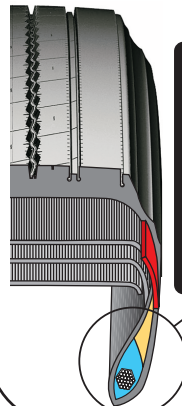
Base is cool-running, insulates casing from heat

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

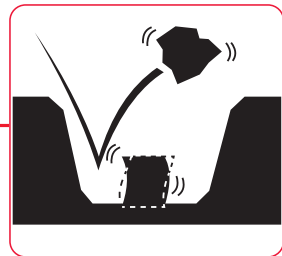
😊

✓

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.



SPR Sidewall Protection Ribs



Improved casing life expectancy through increased resistance to road hazards

\$



EX-Depth SOLID SHOULDER



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

😊

EX-Depth OPEN SHOULDER



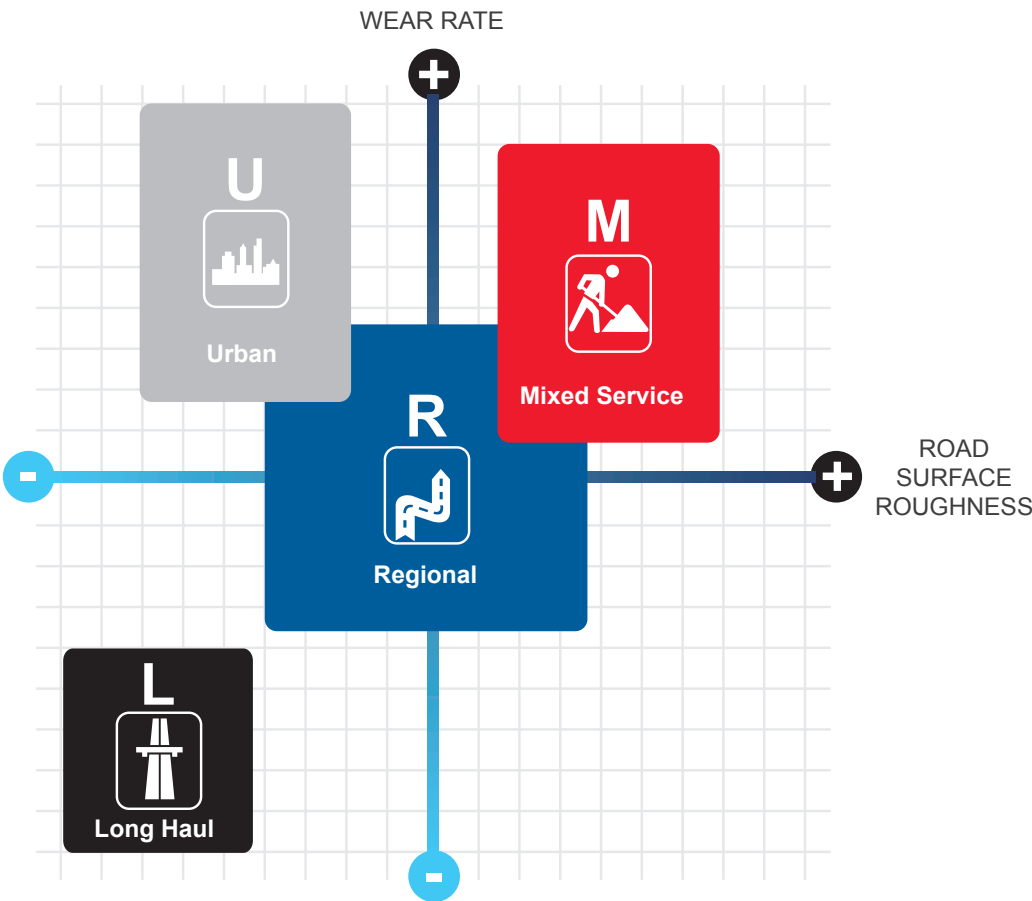
Ex-Depth Open Shoulder allows greater traction and improved resistance to heel and toe wear.





😊

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 Operation:</p> <ul style="list-style-type: none"> • Interstate and Highway • Long distance routes • Constant speeds with minimal braking and accelerating • Well paved road conditions 	 <p>Mixed Service Operation:</p> <ul style="list-style-type: none"> • Frequent use both on and off road • Heavy Loads • Construction
 <p>Regional Operation:</p> <ul style="list-style-type: none"> • 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 	 <p>Urban Operation:</p> <ul style="list-style-type: none"> • Constant stop and go operating conditions • Frequent speed changes and turning • Increased risk of damage from curbing impacts

Long Haul



PAL556



PAL517



PDL336+



PTL711



PTL719

Regional



PSR259



PSR239



PSR237



PSR756



PSR125



PAR558



PAR896



PAR883



PW02



PDR665



PDR655



PDR696



PDR673



PW602



PW622+



PTR939



PTL919



PTR721



PTR723



PSR235



PAR233



PAR560



**PAR559
PAR559+/S**

● Steer/All Position(optional)
 ● Drive
 ● Trailer

Mixed Service



Off Road



Urban



PAM519



PAM531



PAM872



PAM533



**PAM539
PAM539+**



PAU561



PAM853



**PW01
PW01S**



PDM331



PDM670



PW605



PDM217S



PDM270



PDM325+



PDM661+



PAO829



PAO551



PAO530



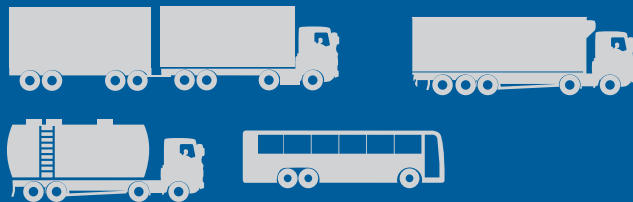
PW825+



PAO721/H



Long Haul



Long Haul Operation:

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



PAL556



**All Position
Highway Service**



- **Resists Irregular Wear**
- **Longer Mileage**
- **Better in Handling**

Features

- Four belt construction
- Advanced Equal Force Casing technology
- Wider tread width design
- Primewell specially formulated tread compound
- Resilient four vertical groove and zig-zag bottom design
- Mutiple sipes along the side of groove
- Tire casing designed for retreadability
- FEA bead construction optimization concept for bead construction

Benefits

- ▶ Increases casing and tread stiffness, minimizing tire deformation for longer wear
- ▶ Uniform force distribution enables optimal tire footprint at various loads level thus result in regular tread wear
- ▶ Large tread volume for extended wear life
- ▶ Improved wear resistance of tread
- ▶ Provides better handling and controllability of vehicle
- ▶ Self cleaning capability and higher resistance to damage from road hazards
- ▶ Higher retreadable capabilities
- ▶ Optimizes and uniformly distributes load pressure to the bead, minimizing damage

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/ TL
245/70R19.5	18PR	141/140	M	7.50	2575/2500	5675/5510	860/860	125/125	14.0	839	248	TL
275/70R22.5	18PR	148/145 (152/148)	M(J)	8.25	3150/2900	6945/6395	900/900	130/130	15.0	958	276	TL
315/60R22.5	20PR	154/148	L	9.75	3750/3150	8270/6940	900/900	131/131	13.5	950	313	TL



PAL517



**All Position
Highway Service**



- **Longer Mileage**
- **Better Driving Comfort**

Features

Wide footprint with wide shoulder design

Redesigned casing construction

Low Noise level

Benefits

▶ Designed for usage in both traditional long haul and regional usage conditions

▶ Provides an optimized road surface footprint for regular wear and improved mileage

▶ Silent and comfortable drive

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
8R22.5	14PR	130/128	M	6.00	1900/1800	4190/3970	830/830	120/120	12.9	935	203	TL

PDL336+



**Drive
Highway Service**



- **Superior Traction**
- **Longer Mileage**

Features

- Specially arranged block and sipe angle
- Four belt construction
- Advanced Equal Force Casing technology
- Widened tread width design
- Extended tread depth
- Primewell specially formulated tread compound
- Uniquely designed inter-dependent blocks at tread pattern center

Benefits

- ▶ Enhanced traction driving performance
- ▶ Increases casing and tread stiffness, minimizing tire deformation for longer wear
- ▶ Uniform force distribution enables optimal tire footprint at various loads level thus result in regular tread wear
- ▶ Large tread volume area for extended wear life
- ▶ Higher tread volume for longer mileage driving capabilities
- ▶ Improved wear resistance of tread
- ▶ Limits block movement, effectively reducing abnormal wear

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	L	9.00	3550/3250	7830/7160	930/930	135/135	24.0	1096	300	TL



M+S

PTL711



**Trailer
Highway Service**



Features

- Extra wide tread
- Four circumferential grooves
- Special tread compound
- Stone ejectors design

Benefits

- ▶ Extend tread life
- ▶ Ensures even pressure distribution
- ▶ Reduced rolling resistance
- ▶ Prevent stone penetration inside the belt

- **Longer Mileage**
- **Lower Fuel Consumption**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
235/75R17.5	16PR	143/141 (144/144)	J(F)	6.75	2725/2575	6005/5675	860/860	125/125	13.5	797	233	TL



PTL719



**Trailer
Highway Service**



Features

- Extra wide tread
- Four circumferential grooves
- Special tread compound
- Stone ejectors design

Benefits

- ▶ Extend tread life
- ▶ Ensures even pressure distribution
- ▶ Reduced rolling resistance
- ▶ Prevent stone penetration inside the belt

- Longer Mileage
- Lower Fuel Consumption
- Safety

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
215/75R17.5	16PR	135/133	J	6.00	2180/2060	4805/4540	860/860	125/125	12.5	767	211	TL
235/75R17.5	18PR	143/141 (146/146)	J(F)	6.75	2725/2575	6005/5675	860/860	125/125	13	797	233	TL
245/70R17.5	18PR	143/141	J	7.50	2725/2575	6005/5675	875/875	127/127	13	789	248	TL
265/70R19.5	18PR	143/141	J	7.5	2725/2575	6005/5675	850/850	123/123	14.5	867	262	TL
285/70R19.5	18PR	150/148	J	8.25	3350/3150	7390/6940	900/900	130/130	14	895	283	TL
385/65R22.5	20PR	164/- (158/-)	K(L)	11.75	5000	11000	900	130	15.5	1072	389	TL
425/65R22.5	20PR	165/-	K	12.25	5150	11400	830	120	15.3	1124	422	TL



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



PSR259



**Steer
Regional Service**



- **Wide-based Steer Tire**
- **Longer Mileage**
- **Safety & Better in handling**

Features

Designed and marked COMBI ROAD

Five longitudinal rib pattern design with an optimized footprint

New compound with for cooler running temperatures

Extra wide solid shoulder design

Marked 3PMSF

Benefits

▶ Designed for usage in both traditional long haul and regional usage conditions

▶ Provides high mileage and excellent handling

▶ Reduces fuel consumption, while improving mileage and retreadability

▶ Improves vehicle stability, handling and reduces noise emissions

▶ Safe winter properties

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
385/55R22.5	18PR	158(160)	L(K)	12.25	4250	9370	850	123	14.5	996	386	TL
385/65R22.5	20PR	164(160)	K(L)	11.75	5000	11000	900	131	15.0	1072	389	TL



PSR237



**Steer
Regional Service**



- **Resists Irregular Wear**
- **Longer Mileage**
- **Better in Handling**

Features

Features PTD 3.0 technology, wide tread, deep grooves, large pattern pitch, angled groove wall

Designed with the ISOM simulation platform, Superior stiffness, low deformation, even force distribution, excellent contact

Features CEM patented technology, Long-chain molecule, fine carbon black, high linkage, low heat generation

Features LCT patented curing technology, Precision melt blending, quasi-preparation, detailed molding, stable curing process

Benefits

▶ Excellent tread wear performance

▶ Allows for regular wear throughout tire life

▶ Delivers resistance to tread wear/tear and reduces overall fuel consumption

▶ Provides durable casing, stronger, more flexible and resilient bead and sidewall

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
315/80R22.5	20PR	158/150 (154/150)	L(M)	9.00	4250/3350	9370/7390	900/900	130/130	17.5	1076	312	TL



PSR239



**Steer
Regional Service**



- **Resists Irregular Wear**
- **Longer Mileage**
- **Better in Handling**

Features

Features PTD 3.0 technology, wide tread, deep grooves, large pattern pitch, angled groove wall

Designed with the ISOM simulation platform, Superior stiffness, low deformation, even force distribution, excellent contact

Features CEM patented technology, Long-chain molecule, fine carbon black, high linkage, low heat generation

Features LCT patented curing technology, Precision melt blending, quasi-preparation, detailed molding, stable curing process

Benefits

▶ Excellent tread wear performance

▶ Allows for regular wear throughout tire life

▶ Delivers resistance to tread wear/tear and reduces overall fuel consumption

▶ Provides durable casing, stronger, more flexible and resilient bead and sidewall

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
9.00R20	16PR	144/142	K	7.0	2800/2650	6175/5840	900/900	130/130	15.8	1019	259	TT
10.00R20	18PR	149/146	K	7.5	3250/3000	7160/6610	930/930	135/135	16	1054	278	TT
10R22.5	16PR	144/142	M	7.50	2800/2650	6175/5840	900/900	130/130	15.8	1019	254	TL
11R22.5	18PR	149/146	M	8.25	3250/3000	7160/6610	930/930	135/135	16	1054	279	TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	17.5	1085	300	TL
275/80R22.5	18PR	149/146	M	8.25	3250/3000	7160/6610	900/900	130/130	15.8	1012	276	TL
295/80R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	900/900	130/130	16.5	1044	298	TL
295/60R22.5	18PR	150/147	L	9.00	3350/3075	7390/6780	900/900	130/130	15	926	292	TL



PSR756



- **Longer Mileage • Improved**
- **Irregular Wear Resistance**
- **Wider Adaptability to Road Conditions**

**Steer
Regional Service**



Features

Features PTD 3.0 technology, wide tread with deep grooves, and Long-chain molecule strengthens inner connection for improved mileage performance

Designed with the ISOM simulation platform, Superior stiffness, enhanced shoulder belt to ensure low deformation, even force distribution, excellent contact surface

Zigzag groove shape

Features LCT patented curing technology, Precision melt blending, quasi-preparation, detailed molding, stable curing process

Benefits

▶ Improved wear volume to deliver excellent tread wear performance

▶ Improved even force distribution on tread profile allows for better regular wear throughout tire life

▶ Effectively prevents stone drilling, hereby to protect groove from damages and delivers longer tire life on various road conditions

▶ Provides durable casing, stronger, more flexible and resilient bead and sidewall

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	17.5	1085	300	TL



**Steer
Regional Service**



Features

Special high wearing compound and optimized wide footprint derived from Equal Force Casing Technology

High load capacity

Tread sipe organization around grooves

Specialized pattern block layout

Resilient four groove tread design

Benefits

▶ Extended tire wear life through various operating conditions

▶ Caters to the higher axle weight associated with Euro VI vehicle emission and other regulations

▶ Prevent irregular wear for overall higher mileage

▶ Delivers excellent wet grip performance

▶ Better handling performance and control, with improved damage resistance to road hazards

- **Resists Irregular Wear**
- **Longer Mileage**
- **Better in Handling**

M+S

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
295/80R22.5	18PR	154/149	M	9.00	3750/3250	8270/7160	850/850	123/123	16.5	1044	298	TL
315/80R22.5	20PR	158/150 (154/150)	L(M)	9.00	4250/3350	9370/7390	900/900	130/130	16.8	1076	312	TL



PAR558



**All Position
Regional Service**



- **Longer operating life**
- **Irregular Wear Resistant**
- **Excellent Durability**
- **Damage Resistant**

Features

Widened tread width design

Four belt construction

Special wear-resistant compound

Optimal rib ratio and rigidity of tread pattern

Advanced Equal Force Casing technology

Big groove wall design and Anti-stone trapping groove bottom

Shoulder void design and zig-zag longitudinal groove

Benefits

▶ Large tread volume area for extended wear life

▶ Effectively optimizes crown stiffness and tire contact surface pressure, promoting long wear life

▶ Promotes long wear life

▶ Equalizes distribution of tire contact surface pressure, preventing tire from irregular wear

▶ Uniform force distribution enables optimal tire footprint at various loads level thus result in regular tread wear

▶ Effectively prevents stone trapping, protecting the tire from road hazards

▶ Provides effective heat dissipation and better resistance against damages

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
8.25R20	16PR	139/137	K	6.50	2430/2300	5355/5070	930/930	135/135	14.0	974	236	TT
9.00R20	16PR	144/142	K	7.00	2800/2650	6175/5840	900/900	130/130	14.5	1019	259	TT
10.00R20	18PR	149/146	K	7.50	3250/3000	7160/6610	930/930	135/135	15.0	1054	278	TT
11.00R20	18PR	152/149	K	8.00	3550/3250	7830/7160	930/930	135/135	15.3	1085	293	TT



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

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12.00R24	18PR	156/153	K	8.5	4000/3650	8810/8040	790/790	115/115	17.0	1226	313	TT



- Longer mileage
- Excellent durability

Features

3 main groove combined with interlocked block design

3 main groove combined with interlocked block design

CEM compound design technology

Advanced casing design technology

All Position
Regional Service



Benefits

- ▶ Improves pattern stiffness and crown stability
- ▶ Equalizes distribution of tire contact surface pressure, preventing tire from irregular wear
- ▶ Enhanced tread wear performance
- ▶ Deliver better wear performance by providing stable casing and tread footprint

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	16.5	1085	300	TL



PAR883



**All Position
Regional Service**



Features

Wide tread combined with deep tread depth

Optimized 4 rib design, with thinner sipe on tread

PAST casing technology ensure optimal crown and sidewall rigidity

Features LCT patented curing technology, Advanced mixing and curing process

Patented CAMT compound technology, combined longer rubber molecule chain with carbon black

Benefits

- ▶ Higher tread volume for longer mileage
- ▶ Better tread pattern rigidity, distribute force evenly, thinner sipe prevent tread from heel & toe and deliver long even wear
- ▶ Improves footprint, limits crown movement, and reduces the pressure and heat generation of belt end
- ▶ Highly improved ingredients combination and distribution, provide durable casing
- ▶ Reduces friction between molecules, and reduces energy loss ensuring low heat build-up

- **Longer mileage**
- **Excellent durability**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
9.00R20	16PR	144/142	K	7.0	2800/2650	6175/5840	900/900	130/130	15.8	1019	259	TT
10.00R20	18PR	149/146	K	7.5	3250/3000	7160/6610	930/930	135/135	16	1054	278	TT
10R22.5	16PR	144/142	M	7.50	2800/2650	6175/5840	900/900	130/130	15.8	1019	254	TL
11R22.5	18PR	149/146	M	8.25	3250/3000	7160/6610	930/930	135/135	16	1054	279	TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	18.7	1085	300	TL
275/80R22.5	18PR	149/146	M	8.25	3250/3000	7160/6610	900/900	130/130	15.8	1012	276	TL



PDR665



- Superior Traction
- Longer Mileage

Drive
Regional Service



Features

- Specially arranged block and sipe angle
- Four belt construction
- Advanced Equal Force Casing technology
- Widened tread width design
- Extended tread depth
- Primewell specially formulated tread compound
- Uniquely designed inter-dependent blocks at of tread pattern center

Benefits

- Enhanced traction driving performance
- Increases casing and tread stiffness, minimizing tire deformation for longer wear
- Uniform force distribution enables optimal tire footprint at various loads level thus result in regular tread wear
- Large tread volume area for extended wear life
- Higher tread volume for longer mileage driving capabilities
- Improved wear resistance of tread
- Limits block movement, effectively reducing abnormal wear

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
315/80R22.5	18PR	156/150 (154/150)	L(M)	9.00	4000/3350	8820/7390	850/850	123/123	21.0	1076	312	TL



PDR655



**Drive
Regional Service**



- **Superior Traction**
- **Longer Mileage**

Features

- Specially arranged block and sipe angle
- Four belt construction
- Widened tread width design
- Extended tread depth
- Giti specially-formulated tread compound
- Uniquely designed inter-dependant blocks at of tread pattern center
- FEA bead construction optimization concept for bead construction

Benefits

- ▶ Enhanced traction driving performance
- ▶ Increases casing and tread stiffness, minimizing tire deformation for longer wear
- ▶ Large tread volume area for extended wear life
- ▶ Higher tread volume for longer mileage driving capabilities
- ▶ Improved wear resistance of tread compound
- ▶ Limits block movement, effectively reducing abnormal wear
- ▶ Optimizes and uniformly distributes load pressure to the bead, minimizing damage

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
315/70R22.5	20PR	154/150 (152/148)	L(M)	9	3750/3350	8270/7390	900/900	131/131	21.0	1014	312	TL



**Drive
Regional Service**



- **Outstanding mileage and traction**
- **Safe and comfortable**

Features

- Giti specially formulated tread compound
- Directional tread pattern design with Interconnected big central block
- 3D sipes technology
- Variable tie-bar dimension
- Narrow central circumferential grooves embedded with stone ejector

Benefits

- ▶ Improved wear resistance of tread
- ▶ Create a synergistic effect to enhance tread stiffness and control deformation
- ▶ Optimized pattern rigidity with uniform force distribution on tread
- ▶ Reduces tire rolling noise and optimizes stiffness and tread robustness
- ▶ Excellent driving properties and higher protection for the casing

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	20	1096	300	TL



PDR673



**Drive
Regional Service**



Features

Designed with 5% tread width increase and 5% higher contact ratio

Bigger block design with 40% increased length

Advanced 3D sipe design on tread along with tie bar on shoulder block

Optimized even force distribution on crown and belt realized by PAST technology

Patented CAMT technology promote more effective ingredient connection

Benefits

▶ Increased wear volume when compared with old generation delivers longer removal mileage

▶ Improved tread stiffness to limit pattern block deformation effectively during driving and breaking

▶ Effectively improves pattern rigidity through strengthened inter-block connection to deliver even wear and superior wet grip

▶ Delivers better footprint by equalizing distribution of tire contact surface pressure

▶ Enhanced cut & chip resistance to better deal with rough regional applications and winding terrains

• **Superior Traction and Grip**
• **Durability & Long Service Life**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	23	1096	300	TL



PW602



**Drive
Regional Service**



Features

- Deep lug design
- Optimum tread design
- Central dual serrated elements

Benefits

- ▶ Excellent traction on wet & dry roads
- ▶ Longer tread life
- ▶ Provides exceptional stability and additional traction

- **Excellent Traction**
- **Longer Mileage**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
315/80R22.5	18PR	154/151 (156/151)	M(L)	9.00	3750/3450	8270/7610	830/830	120/120	17.5	1076	312	TL
11R22.5	16PR	148/145	M	8.25	3150/2900	6940/6395	850/850	123/123	17.2	1050	279	TL



PW622+ R

Drive
Regional Service



Features	Benefits
Widened tread and deeper depth	▶ Extend tire life
Specific pattern design	▶ Avoid of irregular wear
Lug pattern for all-weather	▶ Provide excellent traction

- Excellent Traction & Safety
- Longer Mileage

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/ TL
315/80R22.5	18PR	156/150 (154/150)	L(M)	9.00	4000/3350	8810/7390	850/850	123/123	23.1	1076	312	TL



PTR939



**Trailer
Regional Service**



Features

Optimal tread stiffness distribution design

Enhanced crown and sidewall rigidity

Special wear-resistant compound

Optimal rib ratio with angled groove design

Benefits

- ▶ Equalized force distribution on tread, delivers good wear performance and resists irregular wear
- ▶ Delivers better wear performance by reducing the movement of tread crown
- ▶ Promotes long wear life
- ▶ Enhanced crown stiffness to generate less deformation and less energy loss, resulting in low rolling resistance

- **Longer mileage**
- **Lower fuel consumption**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	M	9.00	3550/3250	7830/7160	930/930	135/135	15	1085	300	TL



PTL919



**Trailer
Regional Service**



- **Longer mileage**
- **Safety**
- **Lower fuel consumption**

Features

New generation pattern featuring new groove design and extra wide shoulder

New casing construction

Dedicated compound formula for long distance usage

Marked 3PMSF

Benefits

- ▶ Provides good protection in shoulder area and very regular wear
- ▶ Improves casing stiffness and footprint, resulting in longer tire life
- ▶ Reduce fuel consumption while providing high mileage
- ▶ Safe winter properties

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
385/55R22.5	20PR	160(158)	K(L)	12.25	4500	9920	900	131	14.8	996	386	TL



PTR721



**Trailer
Regional Service**



Features

- Wide central blocks and solid closed shoulder
- Special tread compound

Benefits

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

- Longer Mileage
- Better Damage Resistant

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
385/65R22.5	18PR	160/- (158/-)	K(L)	11.75	4500	9920	900	130	15.5	1072	389	TL



PTR723



**Trailer
Regional Service**



- Longer Operating Life
- Better Damage Resistant

Features

- Wide tread design and regular pressure on contact patch
- Special tread compound
- Covexity block design
- Special pattern block and sipe design

Benefits

- ▶ Excellent mileage and grip performance
- ▶ Good anti-chip/cut performance
- ▶ Better resistance to puncturing and stone-evacuation performance
- ▶ Good grip performance on on/off road

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/ TL
265/70R19.5	18PR	143/141	J	7.50	2725/2575	6005/5675	850/850	123/123	14.5	867	262	TL



PSR235



**All Position
Regional Service**



- **Durable Casing**
- **Excellent Wear Performance**
- **Safety**

Features

- All steel belt structure design
- Special wear resistant compound
- Diamond-shape stone ejector design in groove bottom
- Optimized rib ratio and pattern design
- Four circumferential main grooves with multi-width sipe on tread

Benefits

- ▶ Delivers strong and tough tire casing durability
- ▶ Promotes long wear-resistant performance
- ▶ Effectively improves pattern rigidity and resistance to groove damages
- ▶ Delivers regular wear, reducing occurrence of irregular wear
- ▶ Provides exceptional water evacuation and wet grip performance in rough terrain conditions

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
205/85R16	12PR	117/115	L	5 1/2J	1285/1215	2835/2680	600/600	87/87	8.5	754	203	TL



PAR233



**All Position
Regional Service**



- Long mileage
- High load carrying capacity

Features

- Upgraded wear resistant compound
- Optimal rib ratio and siping design
- Zig-zag shoulder groove design
- Special shoulder groove wall and stone ejector design in center grooves
- Reinforced bead design
- Strong casing with higher tensile and thicker cord structure

Benefits

- ▶ Promotes excellent wear resistant performance
- ▶ Enhances tread pattern rigidity and prevents tire from irregular wear
- ▶ Provides wider road adaptability and better damage resistant in various road conditions
- ▶ Effectively prevents grooves and casing from stone penetration
- ▶ Provides stronger, more flexible and resilient bead and sidewall
- ▶ Delivers stronger and tougher tire casing durability

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
7.00R16	14PR	118/114	M	5.50F	1320/1180	2910/2600	770/770	112/112	11.0	775	200	TT/TL
7.50R16	16PR	125/121	M	6.00G	1650/1450	3640/3195	870/870	126/126	12.0	805	215	-
8.25R16	18PR	132/128	M	6.50H	2000/1800	4410/3970	870/870	126/126	12.0	855	235	TT



PAR560



**All Position
Regional Service**



- **Excellent Mileage**
- **Outstanding Wear-Resistance**
- **Superior Handling and Driving Comfort**

Features

New pattern design with wide solid shoulders

Optimized casing and footprint design

Specialized tread compound

Center block pattern design

New improved bead construction

Benefits

► Provides outstanding resistance to irregular wear on shoulder area, while improve handling and driving comfort performance

► Allows for regular wear throughout tire life, delivering excellent mileage performance

► Delivers resistance to tread wear and tear, thereby resulting in excellent mileage and longer life

► Increases traction and braking capabilities in all-position usage

► Faciliates mounting of tire to rim, improving overall uniformity of tire

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
9.5R17.5	16PR	143/141	K	6.75	2725/2575	6005/5675	875/875	127/127	12.5	842	240	TL



PAR559
PAR559+/S



**All Position
Regional Service**



- **Long Operating Life**
- **Durable & Damage Resistant**
- **Irregular Wear Resistant**

Features

Special wear resistant compound

Optimal rib ratio and tread pattern rigidity

Enhanced bead filler design

Enhanced shoulder design and zig-zag longitudinal groove

Unique large groove wall design

Benefits

▶ Promotes excellent wear resistant performance

▶ Equalizes distribution of tire contact surface pressure, preventing tire from irregular wear

▶ Minimizes flexing, movement, and damage of bead area, improving tire load capability

▶ Provides effective heat dissipation and better damage resistance in various road conditions

▶ Effectively prevents groove and casing from stone penetration

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
*7.00R16	14PR	118/114	L	5.50F	1320/1180	2910/2600	770/770	110/110	11.0	775	200	TL/TT
*7.50R16	14PR	122/118	L	6.00G	1500/1320	3305/2910	770/770	110/110	14.5	805	215	TT
8.25R16	18PR	132/128	M	6.50H	2000/1800	4410/3970	870/870	126/126	14.5	855	235	TT
•7.50R16	16PR	125/121	L	6.00G	1650/1450	3640/3195	870/870	126/126	14.5	805	215	TT
•8.25R16	18PR	132/128	M	6.50H	2000/1800	4410/3970	870/870	126/126	14.5	855	235	TT

*size only for PAR559+

• size only for PAR559S



Mixed Service/Off Road



Mixed Service Operation

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



- Longer mileage
- Strengthened loading capability

PAM872



**All Position
Mixed Service**



Features

Wide tread and deep groove design with 25% wear volume increase

Optimized four belt structure

New cut and chip resistant compound on tread, combined with low heat build up performance

Reinforced bead structure with advanced bonding and building process

Enhanced casing durability by capability advanced profile technology and inner cord structure

Benefits

▶ Delivers enhanced wear performance

▶ Even force distribution to ensure good wear performance

▶ Protects tire from cutting, chipping and tearing damages, meanwhile ensure good wear performance

▶ Enhances bead strength to reduce damages from bead separation, bead crack, and bead burst

▶ Improved casing and bead durability to strengthen loading capability and reduce damage

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	20PR	154/151	L	9.00	3750/3450	8270/7610	930/930	135/135	17.6	1085	300	TL
13R22.5	20PR	156/153	L	9.75	4000/3650	8820/8050	930/930	135/135	16.5	1124	320	TL



PAM519



**All Position
Mixed Service**



Features

- New and 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

- ▶ Reduced "Chunking and Chipping" on tread surface
- ▶ Less bulges and better endurance
- ▶ Lessened chance of blowouts and other driving issues
- ▶ Stronger driving force

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
315/80R22.5	18PR	154/151	L	9.00	3750/3450	8270/7610	830/830	120/120	16.8	1076	312	TL



PAM531

M



**All Position
Mixed Service**



Features

New casing construction with optimized tread profile

Combined rib and lug design in the center pattern

Solid shoulder design

New developed tough anti-cut and chip compound

Three zig-zag wide groove with lug

Benefits

Provides an optimal footprint for improved wear-out and thus longer mileage and added vehicle handling experience

Provide excellent traction and braking properties in all position usage

Improves protection of the casing and added stability and comfort driving experience for drivers

High resistance against cut and tearing from normal usage of this tire type on aggressive road surfaces

Anti-stone-biting with good water evacuation

- Long Service Life
- Outstanding Damage Resistance

M+S

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
13R22.5	18PR	156/150 (154/150)	K(L)	9.75	4000/3350	8810/7390	875/875	127/127	18.2	1124	320	TL
295/80R22.5	18PR	154/149	K	9.00	3750/3250	8270/7160	850/850	123/123	17.5	1044	298	TL
315/80R22.5	18PR	156/150 (154/150)	K(L)	9.00	4000/3350	8810/7390	850/850	123/123	18.2	1076	312	TL



PAM533



**All Position
Mixed Service**



M+S

- **Longer Service Life**
- **Excellent Durability & Damage Resistant**

Features

CAD pattern design with multi-angle sipes coupled with Primewell's Equal Force Casing technology to provide optimal footprint with even contact pressure distribution

Large casing profile and low heat generation tread package

Wear resistance tread compound

Resilient three longitudinal zig-zag groove and continuous shoulder rib with step-shoulder void

Benefits

▶ Promote regular wear pattern with stronger resistance to irregular wear, thus extending tire life

▶ Promotes cooler running

▶ Deliver long lasting tread wear without compromising cutting and chipping

▶ Provide good traction in drive position while stronger shoulder rib offer better resistance to side force especially in trailer position

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12.00R24	20PR	160/156	K	8.50	4500/4000	9920/8820	850/850	123/123	15.0	1226	313	TT
325/95R24	22PR	162/160	K	9.00	4750/4500	10500/9920	850/850	123/123	17.0	1228	325	TL/TT



PAM539
PAM539★



**All Position
Mixed Service**



- **Heavy Duty All-Position Tire**
- **Better Damage Resistance & Long Service Life**

Features

- Reinforced belt construction
- Strong casing with high tensile and thick cord structure
- Primewell specially reinforced bead structure
- Special groove design in the center and V-shape on the outer groove
- Unique shoulder groove design
- Wear resistance and anti-cut and chip compound
- Optimized rib ratio and high pattern block rigidity

Benefits

- ▶ Protects casing from external punctures and delivers strong resistance against tread bursting
- ▶ Strong casing strength for increase durability and reliability under continuous load stress
- ▶ Strong bead for better damage resistance in heavy load operating conditions
- ▶ Prevents and removes groove stone trapping, protecting the tire from road hazards
- ▶ Promotes heat dissipation and therefore cooler running, while preventing shoulder separation
- ▶ Provides optimal wear life and resistant to damage from cuts
- ▶ Effectively improves pattern rigidity and uniform force distribution on the tread, reducing occurrence of irregular wear

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/ TL
8.25R20	16PR	139/137	K	6.50	2430/2300	5355/5070	930/930	135/135	14.5	974	236	TT
9.00R20	16PR	144/142	K	7.00	2800/2650	6175/5840	900/900	130/130	15.7	1019	259	TT
10.00R20	18PR	149/146	K	7.50	3250/3000	7160/6610	930/930	135/135	16.2	1054	278	TT
11.00R20	18PR	152/149	K	8.00	3550/3250	7830/7160	930/930	135/135	16.0	1085	293	TT
12.00R20	20PR	156/153	K	8.50	4000/3650	8820/8050	900/900	130/130	16.0	1125	315	TT
12R22.5	18PR	152/149	L	9.00	3550/3250	7830/7160	930/930	135/135	16.0	1085	300	TL
*11.00R20	18PR	152/149	K	8.00	3550/3250	7830/7160	930/930	135/135	16.0	1085	293	TT

*size only for PAM539 ★



- Better Damage Resistance
- Long Service Life

All Position
Mixed Service



Features

New proven specially engineered bead design with higher tensile cord and new bonding and building process

Strong casing with higher tensile and thicker cord structure

specially groove design in the center and V shape on the outer groove

Wear resistance and anti-“cut & chip” compound

Optimized rib ratio and high pattern block rigidity

Benefits

► Provides stronger, more flexible and resilient bead and sidewall

► Increased durability through stronger and tougher tire casing

► Prevents and removes groove stone trapping, protecting the tire from road hazards

► Provides optimal wear life and resistance to damage from cuts

► Effectively improves pattern rigidity and uniform force distribution on the tread, reducing occurrence of irregular wear

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	Max load KG	Max load lbs	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
11.00R20	18PR	152/149	K	8	3550/3250	7830/7160	930/930	135/135	16.0	1085	293	TT
12.00R20	20PR	156/153	K	8.5	4000/3650	8820/8050	900/900	130/130	16.0	1125	315	TT



PWOI
PWOIS



**All Position
Mixed Service**



Features

- Combination of rib and lug pattern
- Special cut and chip resistant compound
- Strengthened tire compound makeup

Benefits

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

- **Longer Operating Life**
- **Better Traction & Durability**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
7.00R16	14PR	118/114	M	5.50F	1320/1180	2910/2600	770/770	110/110	11.0	775	200	TL/TT
7.50R16	14PR	122/118	M	6.00G	1500/1320	3305/2910	770/770	110/110	12.5	805	215	TT
8.25R16	18PR	132/128	M	6.50H	2000/1800	4410/3970	870/870	126/126	12.5	855	235	TT
11R22.5	16PR	148/145	M	8.25	3150/2900	6940/6395	850/850	123/123	15.8	1050	279	TL
12.00R24	18PR	156/153	K	8.50	4000/3650	8810/8040	790/790	115/115	17	1226	313	TT
12.00R24	20PR	160/156	K	8.50	4500/4000	9920/8810	900/900	130/130	17.0	1226	313	TT
315/80R22.5	18PR	154/151 (156/151)	L(K)	9.00	3750/3450	8270/7610	830/830	120/120	16.8	1076	312	TL
315/80R22.5	22PR	161/157	J	9.00	4625/4125	10200/9090	900/900	130/130	16.8	1076	312	TL



PDM331



Drive
Mixed Service



Features

Wider tread, with deeper grooves and special compound

Large block and widened lug groove

Directional and gradually open lug pattern

Benefits

▶ Improved control and longer tire life

▶ Better traction performance in dry and wet conditions

▶ Better self-cleaning performance

- Excellent Traction and Grip
- Durability & Long Service Life

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
13R22.5	18PR	154/150 (156/150)	K(G)	9.75	3750/3350	8270/7390	790/790	115/115	23.1	1124	320	TL



PDM670



Drive
Mixed Service



- **Excellent traction**
- **High durability**
- **Longer service life**

Features

Specially formulated tread compound

Enhanced bead filler design

Tie-bar design between blocks

Big block with zig-zag groove design

Benefits

▶ Delivers excellent protection from tread cuts and damage in aggressive road and off-road conditions

▶ Minimizes flexing, movement, and damage of bead area, improving tire load capability

▶ Effectively improve pattern rigidity and thus reducing occurrence of irregular wear

▶ Provides excellent traction and braking

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
11.00R20	18PR	152/149	K	8	3550/3250	7830/7160	930/930	135/135	20.0	1096	293	TT
12.00R20	20PR	156/153	J	8.5	4000/3650	8820/8050	900/900	130/130	20.0	1136	315	TT



PW605



Drive
Mixed Service



Features

Reinforced Rib Design

Intertwining Tread Pattern with Deeper Grooves

Unique Tread Compound

Benefits

▶ Enhanced Anti-Puncturing and Anti-Cutting

▶ Exceptional Braking

▶ Excellent Anti-Abrasion Performance

- Excellent Traction and Grip
- Durability & Long Service Life

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
7.00R16	14PR	118/114	K	5.50F	1320/1180	2910/2600	770/770	110/110	14.5	783	200	TT
7.50R16	14PR	122/118	K	6.00G	1500/1320	3305/2910	770/770	110/110	15.0	805	215	TT
8.25R16	16PR	128/124	K	6.50H	1800/1600	3970/3530	770/770	110/110	15.0	855	235	TT
12.00R24	20PR	160/156	K	8.50	4500/4000	9920/8820	850/850	123/123	20.2	1226	313	TT
325/95R24	22PR	162/160	K	9.00	4750/4500	10500/9920	850/850	123/123	20.2	1228	325	TL/TT



PDM217S



**Drive
Mixed Service**



Features

- Optimized crown and belt structure
- Wider tread width design and specially formulated tread compound
- Strong casing structure

Benefits

- Provides enhanced crown stiffness and better footprint
- Delivers excellent wear and anti-cut & chip resistant performance
- Enhances casing durability and reduces sidewall damages in mixed service applications

- Long mileage
- Better durability & Extended Service Life

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12R22.5	18PR	152/149	L	9.00	3550/3250	7830/7160	930/930	135/135	20	1096	300	TL



PDM270



**Drive
Mixed Service**



- **Strong loading capability**
- **Better damage resistance**
- **Excellent traction**

Features

Optimized casing profile with enhanced sidewall ratio to improve sidewall stiffness

Specialized belt structure with 0° belt design to improve crown rigidity

Reinforced bead structure designed for heavy loading application

Anti cut and chip tread compound and new advanced compound on bead to ensure good endurance

Optimized block design with wider tie bar design for even force distribution and enhanced stiffness on crown

Benefits

► Provides stronger load capability and promotes heat dissipation for cooler running, while preventing shoulder separation and bead separation

► Provides excellent protection against external impacts, preventing belt and casing from cutting and chipping damages

► Stronger bead area for better damage resistant of bead separation, sidewall burst when operate in heavy loading conditions

Promotes wear resistance and provides resistance to cutting and chipping damages

Superior traction and prevents irregular wear to ensure longer tire life

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
12.00R20	20PR	156/153	J	8.5	4000/3650	8820/8050	900/900	130/130	21.0	1136	315	TT



- **Heavy Duty Drive Tire**
- **Stronger Load Capability & Longer Service Life**

PDM325★



**Drive
Mixed Service**



Features

New proven specially engineered bead design, with higher tensile cord and new bonding and building process

Strong casing from higher tensile thicker cord and increase the number of steel cord per inch design

Wear resistant and anti-cut & chip compound

Z-shaped continuous circumference rib

Special tread base compound below tread

Benefits

▶ Specially engineered to provide strong, flexible and yet resilient bead and sidewall. By doing this, It is able to meet and excel in the load carrying capability that the tire promised to do

▶ Stronger body construction delivers super strong and tougher tire casing durability

▶ Promotes long wear life and resist cut damages

▶ Promote traction for the drive axle

▶ Insulate casing from tread heat thus promotes cooler running

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
11.00R20	18PR	152/149	K	8.00	3550/3250	7830/7160	930/930	135/135	18.0	1085	293	TT
12.00R20	20PR	156/153	K	8.50	4000/3650	8820/8050	900/900	130/130	18.0	1125	315	TT



PDM661 ★



**Drive
Mixed Service**



- **Heavy Duty Drive Tire**
- **Stronger Load Capability & Longer Service Life**

Features

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12.00R20	20PR	156/153	K	8.50	4000/3650	8820/8050	900/900	130/130	18.0	1125	315	TT



PA0829



**All Position
Off Road**



Features

- Enhanced bead filler design
- Reinforced sidewall and casing
- Unique groove design
- Tie-bar design between blocks
- Type-Z shape block pattern design
- Anti-Cut and Chip compound

Benefits

- ▶ Protects bead from external punctures
- ▶ Increases damage resistance from heavy load operating conditions
- ▶ Protects tire and groove from stone trapping and offer good self cleaning properties to prevent tire damages
- ▶ Improves block rigidity and prevents pattern blocks from tearing
- ▶ Provides maximum biting edge for excellent traction and braking force
- ▶ Provides excellent protection from tread cuts and chips in aggressive road condition while promote long wear life

- **High Traction for Off-Road Usage**
- **Durable & Extended Service Life**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
7.00R16	14PR	118/114	F	5.50F	1320/1180	2910/2600	770/770	110/110	15.5	775	200	TT
7.50R16	14PR	122/118	F	6.00G	1500/1320	3305/2910	770/770	110/110	16.0	805	215	TT
8.25R16	16PR	128/124	F	6.50H	1800/1600	3970/3530	770/770	110/110	16.8	855	235	TT



PAO551



**All Position
Off Road**



- **High Traction for Off-Road Usage**
- **Durable & Extended Service Life**

Features

- Reinforced belt construction
- Reinforced casing and bead structure
- Unique groove width design
- Tie-bar design between center blocks
- Type-Z shape block pattern design
- Anti-Cut and Chip compound developed for mixed conditions of working in the mine and delivers materials out of mine services

Benefits

- ▶ Protects casing from external punctures and delivers strong resistance against tread bursting
- ▶ Improves durability of casing and bead, increasing damage resistance from heavy load operating conditions
- ▶ Protects tire and groove from stone trapping and offer good self cleaning properties to prevent tire damages
- ▶ Improve block rigidity and prevents pattern blocks from tearing
- ▶ Provides maximum biting edge for excellent traction and braking force
- ▶ Provides excellent protection from tread cuts and chips in aggressive road condition while promote long wear life

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/ TL
11.00R20	18PR	152/149	F	8.00	3550/3250	7830/7160	930/930	135/135	24.0	1096	293	TT
12.00R20	20PR	156/153	F	8.50	4000/3650	8820/8050	900/900	130/130	24.0	1136	315	TT



PAO530



**All Position
Off Road**



Features

Strong casing and shock-resistant robust bead makeup

Optimized shoulder design formula with reduced shoulder separation

Design made for navigating unpaved roads

Lateral grooves with wide angles

Benefits

► Protection against blowouts

► Lowered chance of developing bulges on tire

► Excellent resistance to punctures, cuts, and tears

► Outstanding driving performance and self-cleaning abilities

- **High Traction for Off-Road Usage**
- **Durable & Extended Service Life**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/ TL
8.25R20	16PR	139/137	F	6.5	2430/2300	5355/5070	930/930	135/135	19.0	986	236	TT
9.00R20	16PR	144/142	F	7	2800/2650	6175/5840	900/900	130/130	22.0	1030	259	TT
10.00R20	18PR	149/146	F	7.5	3250/3000	7160/6610	930/930	135/135	22.5	1065	278	TT



PW825+



**All Position
Off Road**



Features

- Specialized compound with thickened base rubber
- Grooves designed for rough terrains
- Special deepened pattern
- Super strong pattern design
- Wide angle pattern wall design

Benefits

- ▶ Adverse to damage and puncturing
- ▶ Provide high traction and self-cleaning performance
- ▶ Improves tire life effectively
- ▶ Prevents damage even in tough conditions
- ▶ Good for preventing stone trapping and biting

- **High Traction for Off-Road Usage**
- **Durable & Extended Service Life**

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
11R22.5	16PR	148/145	J	8.25	3150/2900	6940/6395	850/850	123/123	22.6	1050	279	TL
12R22.5	18PR	152/149	F	9.00	3550/3250	7830/7160	930/930	135/135	23.5	1096	300	TL
12.00R24	20PR	160/156	F	8.50	4500/4000	9920/8820	850/850	123/123	31.0	1226	313	TT



PAO721/HM

**All Position
Mixed Service**



Features

Special belt construction

Thickened sidewall protection rib

Designed with stone ejector in grooves

Anti-cut & chip compound developed for mixed conditions of working in the mine and delivers materials out of mine services

Reinforced casing and bead design

Big block pattern design

Benefits

- ▶ Protects casing from external punctures and delivers strong resistance against tread bursting
- ▶ Protects sidewall from road hazard and curbing damage
- ▶ Protects tire from stone trapping and offers good self cleaning properties to prevent tire damages
- ▶ Provides excellent protection from tread cuts and chips in aggressive road condition
- ▶ Improves durability of casing and bead, increasing damage resistance from heavy load operating conditions
- ▶ Provides excellent traction and braking force

• **Higher load carrying capability for Off-road usage**
• **Better traction and durability**
Extended service life

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
11.00R20	18PR	152/149	F	8	3550/3250	7830/7160	930/930	135/135	23.5	1096	296	TT
*12.00R20	20PR	156/153	E	8.5	4000/3650	8820/8050	900/900	130/130	23.5	1136	315	TT
12R22.5	18PR	152/149	F	9	3550/3250	7830/7160	930/930	135/135	23.5	1085	300	TL

*size only for PAO721H



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



M+S

Features

- Enhanced sidewall protector
- Solidified shoulder design
- Wider tread with deepened grooves

Benefits

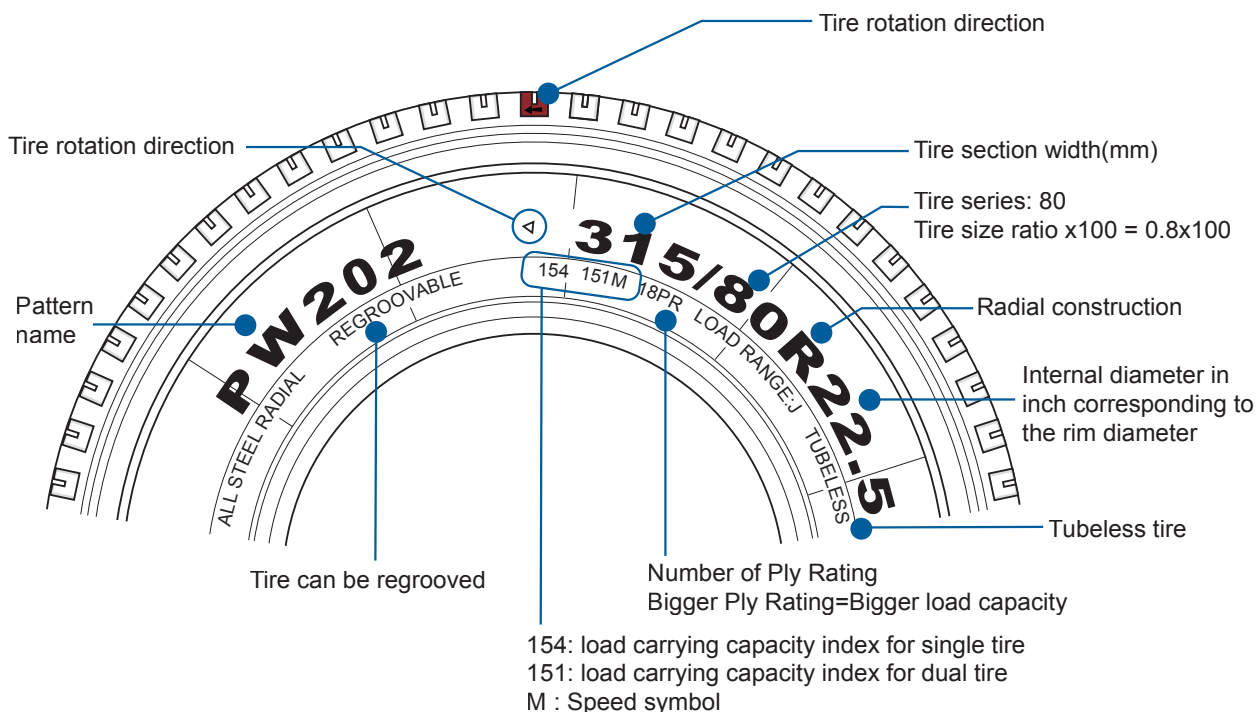
- ▶ Shields sidewall against curb and other damage
- ▶ Enhanced cornering stiffness and control
- ▶ Enhanced long life in rough urban conditions

- Longer Mileage
- High Durability

SIZE RANGE

Size	PR	Load Index	Speed Rating	Standard Rim	MAX LOAD KG	MAX LOAD LBS	Max pressure kpa	Max pressure psi	Tread depth (mm)	Outer diameter (mm)	Section Width (mm)	TT/TL
275/70R22.5	16PR	150/145 (154/148)	J(E)	8.25	3350/2900	7390/6395	900/900	130/130	18.7	958	276	TL

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

Recommendations for the use of PRIMEWELL Truck Tires

SAFETY

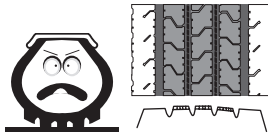
Important instructions for safe inflation



Tire pressure directly influences tire life and safety

Over-inflation reduces:

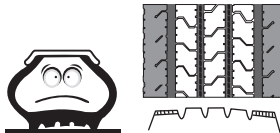
- Comfort
- Traction
- Braking Efficiency
- Tire life span, particularly on drive axle tires.
- Tread life



Over-inflation

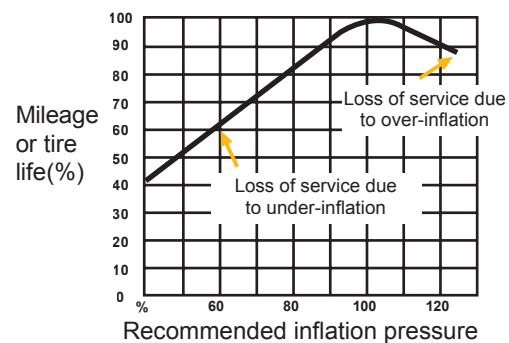
Under-inflation leads to:

- 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.

The logo for PRIMEWELL, featuring the word in a bold, italicized, white sans-serif font. A small yellow triangle is positioned above the letter 'I' in 'PRIME'.

www.primewell.com

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