

 FIREMAX



Qingdao Sunfulcess Tyre Co.,Ltd
Weifang Shunfuchang Rubber And Plastic Products Co.,Ltd
Shouguang Firemax Tyre Co.,Ltd

Add: 1F Building 4, Shinan Software Park, No.286, Ningxia Road, Qingdao, China
Tel: 0086-532-88900536 / Fax: 0086-532-88900566 / Web: www.sunfulcess.com
E-mail: michael.lin@sunfulcess.com



GROUP BRIEF INTRODUCTION



Qingdao Sunfulcess Tyre Co., Ltd. was established in 2015 as the sole international tyre export department of Sunfulcess Group, which is wholly owned and run by Sunfulcess Group; here in Qingdao, a dedicated team of highly qualified professionals is committed to delivering the FIREMAX and KPATOS tyres to the world.

Sunfulcess Group is located in the beautiful Shandong Peninsula, since established in 1994, up to now Sunfulcess Group has been widely recognized as a remarkable and modern global tyre manufacturer with quality, credibility and creativity in line with Sunfulcess' ambitious objective to provide products that are well respected within the tyre industry, its business scope also involves rubber and plastics machinery, wheels & rims, chemical products. The total assets exceed RMB 4 billion with an annual output of 12 million PCR and 1.2 million TBR tyres.

During the past decades Sunfulcess Group has stood out as a leader in the tyre fields, specializing in designing and manufacturing a wide variety of tyres, PCR, UHP, SUV/4WD, Commercial Van & LTR, TBR tyres as well as agricultural tyres under the brands: FIREMAX and KPATOS. Sunfulcess Group has acquired the global leading certifications ISO9001/TS16949, CCC, DOT and SMARTWAY, ECE, EU LABELING and REACH, SONCAP, GCC, NOM, INMETRO to guarantee the superior quality.

With the large size portfolio, high quality and competitive pricing, exclusive agreement, prompt delivery, excellent customer service and after sales support, Sunfulcess tyres are winning new markets every day, up to now shipments have been exported to more than 100 countries covering North America, South and Middle America, Europe, Africa, Australia, South and East Asia, and the Middle East.

For the future we are aiming to continue working towards expanding new markets and introducing the leading technologies, additional sizes, patterns and ranges to keep pace and be at the very forefront of anticipated demands in the tyre industry. Quality first, technology advanced, win-win are our sincere faith, let's work together hand by hand to strive for a bright future. SUNFULCESS---More than your expectation.



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FM29



Features & Benefits

- Four longitudinal grooves offer excellent handling stability and ride comfort
- Open shoulder and horizontal pattern improve driving and braking performance
- Wide surface reduces load pressure and provides excellent driving stability
- Variable pitch tread design and narrow horizontal grooves effectively reduce tyre noise

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
12R22.5	18	9.0	TL	152/149	L	930	3550/3250	300	1085	20.0
295/80R22.5	18	9.0	TL	152/149	L	850	3550/3250	298	1044	19.0
315/80R22.5	20	9.0	TL	156/153	L	850	4000/3650	312	1076	20.0



FM66



Features & Benefits

- 4 wide grooves ensure good drainage, even pressure distribution
- Siped ribs and shoulder design provide excellent heat dissipation
- Stone ejectors at the bottom of grooves protect tyre against stone drilling
- Solid shoulder design resists irregular wear and promote increased stability
- Specially designed compound delivers lower rolling resistance for improved fuel economy

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
11R22.5	16	8.25	TL	146/143	L	830	3000/2750	279	1054	14.5
12R22.5	18	9.0	TL	152/149	L	930	3550/3250	300	1084	14.5
295/80R22.5	18	9.0	TL	152/149	L	850	3550/3250	298	1044	14.5
315/80R22.5	20	9.0	TL	156/153	L	850	4000/3650	312	1076	14.5



FM76



Features & Benefits



- Smartway verified for lower rolling resistance and excellent fuel efficiency on highways
- Four extra-wide grooves are designed for hydroplaning resistance
- S-sipes improve wet traction and dissipate heat for prolonged tread life
- Decoupling grooves and five wide ribs improve stable ride at all speeds
- Unique tread wall bite edges reduce irregular wear and improve traction
- Stone ejectors at the bottom of grooves protect tyre against stone drilling

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
315/80R22.5	18	9.0	TL	154/151	L	830	3750/3450	312	1076	14.5
315/60R22.5	20	9.0	TL	156/153	L	850	4000/3650	312	1076	14.5
285/75R24.5	14	8.25	TL	144/141	M	760	2800/2575	283	1050	14.0
285/75R24.5	16	8.25	TL	147/144	M	830	3075/2800	283	1050	14.0
11R24.5	14	8.25	TL	146/143	M	720	3000/2725	279	1104	14.0
11R24.5	16	8.25	TL	149/146	M	830	3250/3000	279	1104	14.0
11R22.5	14	8.25	TL	144/142	M	720	2800/2650	279	1054	14.0
11R22.5	16	8.25	TL	146/143	M	830	3000/2750	279	1054	14.0
295/75R22.5	14	9.0	TL	144/141	M	760	2800/2575	298	1014	14.0
295/75R22.5	16	9.0	TL	146/143	M	830	3000/2725	298	1014	14.0



FM57



Features & Benefits



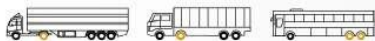
- Smartway verified for lower rolling resistance and excellent fuel efficiency on highways
- Wide footprint and solid shoulder design for improved stability and even wear
- Main groove with stone ejectors protect tyre against stone drilling
- Curved lug design deliver excellent driving and braking force

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
285/75R24.5	14	8.25	TL	144/141	M	760	2800/2575	283	1050	11.0
285/75R24.5	16	8.25	TL	147/144	M	830	3075/2800	283	1050	11.0
11R24.5	14	8.25	TL	146/143	M	720	3000/2725	279	1104	11.0
11R24.5	16	8.25	TL	149/146	M	830	3250/3000	279	1104	11.0
11R22.5	14	8.25	TL	144/142	M	720	2800/2650	279	1054	11.0
11R22.5	16	8.25	TL	146/143	M	830	3000/2750	279	1054	11.0
295/75R22.5	14	9.0	TL	144/141	M	760	2800/2575	298	1014	11.0
295/75R22.5	16	9.0	TL	146/143	M	830	3000/2725	298	1014	11.0



L Long Haul

FM59



Features & Benefits



- Smartway verified for lower rolling resistance and excellent fuel efficiency on highways
- Stone ejectors protect tyre from stone drilling
- Extra deep tread pattern with special compound for extended tread life
- Wide footprint and square shoulder design for improved stability and mileage
- Multi-sipes improve traction in wet conditions and dissipate heat for prolonged tread life

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
285/75R24.5	14	8.25	TL	144/141	M	760	2800/2575	283	1050	19.0
285/75R24.5	16	8.25	TL	147/144	M	830	3075/2800	283	1050	19.0
11R24.5	14	8.25	TL	146/143	M	720	3000/2725	279	1104	19.0
11R24.5	16	8.25	TL	149/146	M	830	3250/3000	279	1104	19.0
11R22.5	14	8.25	TL	144/142	M	720	2800/2650	279	1054	19.0
11R22.5	16	8.25	TL	146/143	M	830	3000/2750	279	1054	19.0
295/75R22.5	14	9.0	TL	144/141	M	760	2800/2575	298	1014	19.0
295/75R22.5	16	9.0	TL	146/143	M	830	3000/2725	298	1014	19.0



R Regional Haul

FM02



Features & Benefits



- Wide grooves offer excellent handling stability and ride comfort
- Unique tread wall bite edges reduce irregular wear and improve traction
- Stone ejectors at the bottom of grooves protect tyre against stone drilling
- Wide running surface reduces irregular wear, promote increased stability
- Closed shoulder design provides good stability and reduces shoulder wear
- High wear resistance and low heat generation rubber formula ensures longer service life

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
11.00R20	18	8.0	TT	152/149	K	930	3550/3250	293	1085	16.5



FM06



Features & Benefits

- Low heat tread rubber design for low-profile tyres instead of twin use
- Zig-zag grooves provide good handling, effectively eject wedged stones
- Wide driving surface and special tread compound improves wear resistance
- Closed shoulder design enhances tread wear performance and reduces kerb damage
- High-strength tread and carcass design increases resistance to bursting and ensures driving safety

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
385/65R22.5	20	11.75	TL	160	L	830	4500	389	1072	17.0



FM07



Features & Benefits

- Low heat tread rubber design for wide base low-profile tyres instead of twin use
- Extra wide driving surface and special tread compound improves wear resistance
- Closed shoulder design enhances tread wear performance and reduces kerb damage
- Deep, wide channels help provide excellent water evacuation throughout the life of the tyre
- Lateral siping along rib edges help enhance traction and braking in adverse weather conditions
- High-strength tread and carcass design increases resistance to bursting and ensures driving safety

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
385/65R22.5	20	11.75	TL	160	L	830	4500	389	1072	17.0



FM08



Features & Benefits

- Angled lug and siping design improve overall traction and wet grip
- Lug to void ratio optimised provides self-cleaning and excellent traction
- Integrated tie bars between blocks reduce irregular wear and promote increased stability
- High wear resistance and low heat generation rubber formula ensures longer service life
- Reinforced carcass and bead design ensure excellent handling, safety and high load capacity

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
12R22.5	18	9.0	TL	152/149	L	930	3550/3250	300	1085	22.0
315/80R22.5	20	9.0	TL	156/153	L	850	4000/3650	312	1076	22.0



FM58



Features & Benefits

- Three wide zig-zag grooves ensure good drainage, handling and heat dissipation
- Asymmetric lug design combines regular wear with excellent traction and stability
- Wide footprint and solid shoulder ensure excellent stability and resistance to abrasion
- High wear resistance and low heat generation rubber formula ensures longer service life

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
12.00R24	20	8.5	TT	160/157	K	900	4500/4125	315	1226	16.0



FM09



Features & Benefits

- Lug and block pattern design improve traction, driving and braking performance
- Special groove design delivers good self-cleaning, and stone-ejecting property
- Open shoulder design provide excellent heat dissipation and powerful traction
- Special tread compound provides outstanding resistance to puncture and tearing
- Extra wide running surface provide increased stability and resistance to abrasion

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
11.00R20	18	8.0	TT	152/149	K	930	3550/3250	293	1085	20.0
12.00R20	18	8.5	TT	154/151	K	830	3750/3450	315	1125	17.0
12.00R20	20	8.5	TT	156/153	K	900	4000/3650	315	1125	17.0



FM18



Features & Benefits

- Tread pattern pitch design reduces ride noise
- Cut and chip resistant tread compound for improved wear
- Rib siping design improves overall traction in wet conditions
- Enhanced tread bead design provides excellent load capability
- Three wide grooves provide excellent grip and all-season performance
- Large open shoulder grooves for improved traction and heat dissipation

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
7.00R16LT	14	5.50F	TT	118/114	L	770	1320/1180	200	775	11.0
7.50R16LT	14	6.00G	TT	122/118	L	770	1500/1320	215	805	12.0
8.25R16LT	14	6.50H	TT	126/122	L	670	1700/1500	235	855	12.5
8.25R16LT	16	6.50H	TT	128/124	L	770	1800/1600	235	855	12.5
8.25R20	14	6.5	TT	136/134	K	830	2240/2120	236	974	14.5
8.25R20	16	6.5	TT	139/137	K	930	2430/2300	236	974	14.5
9.00R20	16	6.5	TT	144/142	L	900	2800/2650	258	1019	15.0
10.00R20	18	7.5	TT	149/146	K	930	3250/3000	278	1054	16.5
11.00R20	18	8.0	TT	152/149	K	930	3550/3250	293	1085	16.5
12.00R20	18	8.5	TT	154/151	K	830	3750/3450	315	1125	17.0
12.00R20	20	8.5	TT	156/153	K	930	4000/3650	315	1125	17.0
12.00R24	20	8.5	TT	160/157	K	900	4500/4125	315	1226	16.0
11R22.5	16	8.25	TL	148/145	M	830	3000/2750	279	1054	15.0
12R22.5	18	9.0	TL	152/149	L	930	3550/3250	300	1085	17.0
315/80R22.5	20	9.0	TL	156/153	L	850	4000/3650	312	1076	15.0
13R22.5	20	9.75	TL	156/153	L	850	4000/3650	320	1124	16.0



M Mixed Service

FM77



Features & Benefits

- Directional tread pattern improves shoulder surface wear resistance
- Lateral tread blocks and deepened grooves provide excellent handling and braking
- Special and deep tread design improves self-cleaning properties and aggressive traction
- Integrated tie bars between center pattern blocks reduce movement and avoid irregular wear
- High wear resistance and low heat generation rubber formula ensures longer service life
- Reinforced carcass and bead design ensure excellent handling, safety and high load capacity

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
315/80R22.5	20	9.0	TL	156/153	L	850	4000/3650	312	1076	23.0



O Off Road

FM15



Features & Benefits

- The extra-deep tread provides long original life
- Aggressive multi-lug tread design improves off-road traction
- Interlocking lugs promote improved stability and smoother wear
- Open shoulder grooves deliver good self-cleaning properties and traction
- Special compounds ensures resistance to cuts, chips, tearing and irregular wear
- Reinforced carcass and bead design ensure good handling and safety, high load capacity

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
11.00R20	18	8.0	TT	152/149	K	930	3550/3250	293	1065	20.0
12.00R20	18	8.5	TT	154/151	K	830	3750/3450	315	1122	23.0
12.00R20	20	8.5	TT	156/153	K	900	4000/3650	315	1122	23.0



FM78



Features & Benefits

- Aggressive multi-lug tread design improves off-road traction
- Open shoulder and tread grooves promote self-cleaning and improve traction
- Integrated tie bars between blocks reduce uneven wear and promote stability
- Special tread compound provides outstanding resistance to puncture and tearing
- Reinforced carcass and bead design ensure good handling and safety, high load capacity

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
7.50R16LT	14	6.00G	TT	122/118	L	770	1500/1320	215	805	15.0
8.25R16LT	14	6.50H	TT	126/122	L	670	1700/1500	235	855	16.0
8.25R16LT	16	6.50H	TT	128/124	L	770	1800/1600	235	855	16.0
10.00R20	18	7.5	TT	149/146	K	930	3250/3000	278	1054	16.5
11.00R20	18	8.0	TT	152/149	K	930	3550/3250	293	1085	20.0
12.00R20	20	8.5	TT	156/153	K	900	4000/3650	315	1125	20.0



FM89



Features & Benefits

- Special groove design delivers good stone-ejecting property
- Open shoulder grooves provide optimal self-cleaning properties
- Aggressive tread block design delivers exceptional off-road traction
- Special tread compound provide outstanding resistance to puncture and tearing
- Reinforced carcass and bead design ensure excellent handling, safety and high load capacity

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
12.00R24	20	8.5	TT	160/157	K	900	4500/4125	315	1226	20.0



Off Road

FM99



Features & Benefits

- *Block pattern design improves off-road traction*
- *Open grooves improves self-cleaning properties*
- *Enhanced rubber compound resists cuts and chunking*
- *Deep tread depth provides long tread life and an exceptional cost per mile*
- *Reinforced carcass and bead design ensure excellent handling, safety and high load capacity*
- *Engineered for demanding conditions such as mining, construction and logging applications*

Tyre Size	Ply Rating	Std. Rim	TL/TT	Load Index	Speed Symbol	Max Pressure (kPa)	Max Load (kg)	Section Width (mm)	Over Diameter (mm)	Tread Depth (mm)
295/80R22.5	18	9.00	TL	152/149	L	850	3550/3250	298	1044	23.0
13R22.5	20	9.75	TL	156/153	L	850	4000/3650	320	1124	23.0

IMPORTANT SAFETY WARNING AND MAINTENANCE INFORMATION

Any tyre, no matter how well constructed, may fail in use as result of punctures, impact damage, improper inflation or other conditions resulting from use.

Tyre failures may create risk of property damage or personal injury. To reduce the risk of tyre failure, we strongly recommend the following:

WARNING:

Serious Injury May Result From:

Tyre failure due to underinflation/vehicle overloading – follow owner's manual specifications or tyre information placed in your vehicle.

Explosion of tyre/rim assembly due to improper mounting – only specially trained persons should mount tyres.

Check Inflation Pressure On All Tyres

Tyre pressures, including the spare, should be checked at least once per month before driving, when the tyres are cold (after the vehicle has been stopped for three hours or driven less than one mile). Do not reduce air pressure when tyres are hot. Use a tyre gauge to check pressure and maintain it at the level recommended by the vehicle manufacturer. If a tyre loses more than one pound of air pressure per month, have it checked for leakage by your dealer. Proper inflation pressure is very important to tyre life, comfortableness, and vehicle handling, therefore you should always maintain the correct inflation pressure in your tyres according to your vehicle manufacturer's recommendation. In addition, your vehicle has a tyre information placard, which indicates the proper tyre size and inflation pressure for your particular model car.

Wheel Alignment and Balancing

These are very important considerations for comfortableness and maximum mileage from your tyres. Check how your tires are wearing at least once a month. If your tyres are wearing unevenly, such as the inside shoulder of the tyre wearing faster than the rest of the tread, your vehicle may be out of alignment. This condition not only shortens the life of your tyres but also adversely affects the handling characteristics of your vehicle which could be dangerous. If irregular wear is indicated, have your alignment checked immediately. Tyre which have been run underinflated will show more wear on the shoulders than in the center of the tread. Such underinflation may cause damage to the tire structure. Have the tyres inspected by your dealer.

Do Not Overload

The maximum load capacity and air pressure of your tyres is marked on the sidewall. Do not exceed these limits. Following the loading instructions of the manufacturer of your vehicle should insure that your tyres are not overloaded. Tyres which are loaded beyond their maximum allowable loads for the particular application will build up excessive heat that may result in sudden tyre destruction.

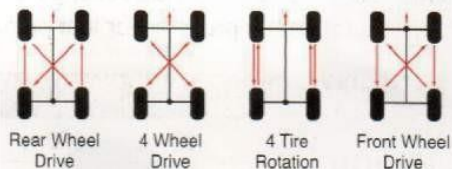
Radial Tyre Rotation

The purpose of rotating tyres is to achieve a more uniform wear for all tyres on a vehicle. Before rotating tyres, determine the cause of any unusual wear and correct any misalignment, imbalance, or other mechanical problems.

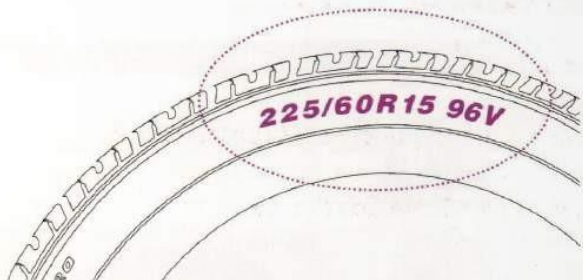
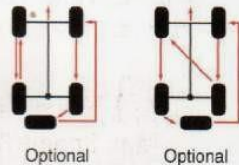
REMEMBER! Your warranty requires the tyre to be rotated at least every 6,000 miles (9,500km). These rotation patterns are acceptable. Please refer to your vehicle owner's manual regarding the rotation advice.



4 Tyre Rotation

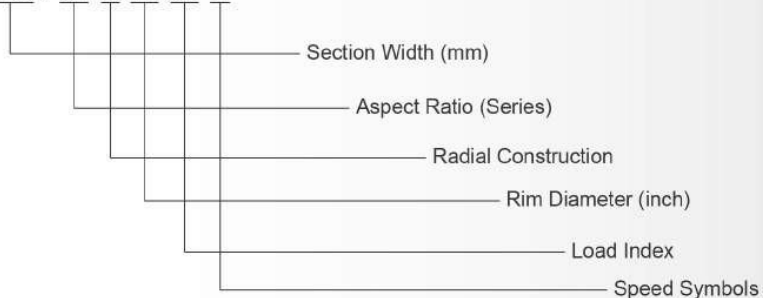


5 Tyre Rotation Utilizing Full Size Spare



TYRE SIZE DESIGNATION

225 / 60 R 15 96 V



LOAD INDEX TABLE

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
50	190	76	400	102	850	128	1800	154	3750
51	195	77	412	103	875	129	1850	155	3875
52	200	78	425	104	900	130	1900	156	4000
53	206	79	437	105	925	131	1650	157	4125
54	212	80	450	106	950	132	2000	158	4250
55	218	81	462	107	975	133	2060	159	4375
56	224	82	475	108	1000	134	2120	160	4500
57	230	83	487	109	1030	135	2180	161	4625
58	236	84	500	110	1060	136	2240	162	4750
59	243	85	515	111	1090	137	2300	163	4875
60	250	86	530	112	1120	138	2360	164	5000
61	257	87	545	113	1150	139	2430	165	5150
62	265	88	560	114	1180	140	2500	166	5300
63	272	89	580	115	1215	141	2575	167	5450
64	280	90	600	116	1250	142	2650	168	5600
65	290	91	615	117	1285	143	2725	169	5800
66	300	92	630	118	1320	144	2800	170	6000
67	307	93	650	119	1360	145	2900	171	6150
68	315	94	670	120	1400	146	3000	172	6300
69	325	95	690	121	1450	147	3075	173	6500
70	335	96	710	122	1500	148	3150	174	6700
71	345	97	730	123	1550	149	3250	175	6900
72	355	98	750	124	1600	150	3350	176	7100
73	365	99	775	125	1650	151	3450	177	7300
74	375	100	800	126	1700	152	3550	178	7500
75	387	101	825	127	1750	153	3650	179	7750

SPEED SYMBOLS

Important information is molded on the tire sidewall. Among other information, the sidewall data contains the tyre size, load range, maximum load and maximum pressure for that particular tyre.

Speed Symbol	A1	A2	A3	A4	A5	A6	A7	A8	B	C	D	E	F	G	J
Max Speed(Km/h)	5	10	15	20	25	30	35	40	50	60	65	70	80	90	100

Speed Symbol	K	L	M	N	P	Q	R	S	T	U	H	V	W	Y	Z
Max Speed(Km/h)	110	120	130	140	150	160	170	180	190	200	210	240	270	300	240+