TRIANGLE®

RADIAL
OFF-THE-ROAD TIRES

2010 VERSION

TRIANGLE®

TRIANGLE GROUP CO.,LTD

Add:NO.56 Qingdao Middle Road Weihai Shandong China
Tel:0086-5330561 5318745 5330562 5322987
Fax:+86-631-5318743
P.C.:264200
HTTP://www.triangle.com.cn
E-Mail:Export@triangle.com.cn

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RADIAL OFF-THE-ROAD TIRES

COMPANY BRIEF INTRODUCTION

Triangle Group was founded in 1976 and is the largest tire producer in China. Its products include truck and bus radial tires (TBR), passenger car and light truck radial tires (PCR/LTR), off-road radial tires (OTR), jumbo OTR tires, as well as various types of bias tires and retreaded tires. Triangle has an annual production capacity of 30 million units.

Through the years, Triangle has dedicated itself to innovation, development and manufacturing of commercial and passenger vehicle tires for customers around the world for a variety of field applications. Currently Triangle offers more than 4000 types of tires to its domestic and global customers.

Triangle was the first tire brand in China to receive the prestigious certification of "China World-Famous Trademark" and "China Name Brand Product". Triangle sold over 20 million tires annually to customers in over 160 countries and regions. It has earned recognition from its customers worldwide with top quality products and excellent services.

With the excellent performance of its products, Triangle gained official product certifications from over 60 countries and organizations, which meet the certification requirements of the entire global market. The certifications include: CCC、ECE、DOT、ECE-Noise 、INMETRO、LATU、GSO、SEI and others. Triangle also passed the stringent performance tests of Goodyear, Caterpillar and Volvo, and have since established strategic partnerships with them. Triangle plays a leading role in China's domestic market, providing OE tires to more than fifty major Chinese automobile companies, such as Sinotruk, First Auto Works, Dongfeng Motor Corporation, SGM, SGMW, Chongqing Changan, Chery Automobile Co., as well as Shandong Lingong Construction Machinery Co., Shandong SEM Machinery Co., and Xuzhou Construction Machinery Group (XCMG), among others.

Triangle is committed to its three-fold mission to "provide the most valuable products and services; to continually develop overall efficiency and social responsibility; and to motivate and stimulate the improvement of its employees" in order to advance its global strategy as Triangle moves forward to become a leader in the global tire industry.

TRIANGLE TIRE
Earthmover Tires
Technical Data Book

NOTE **Tire Load And Pressure Tables**

These tables are classified according to the various applications of earthmoving machines.

These figures are given for guidance and reflect the service conditions which may have an influence on the performance of our tires(behavior, wear, ect).

Suggestion:

This book includes triangle's worldwide supplying of earthmover tires. You can consult your local price list, and determine whether a tyre is available in your area.

Specifications subject to change without notice

Edition N°01-2010

General information

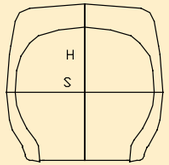
Tires by type of machines

Type characteristics loads and pressure

Identification of TRIANGLE Earthmover Tires

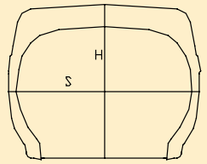
The Different Earthmover Tyre Families

There are 3 major earthmover tire families identificated by the aspect ratio H/S:



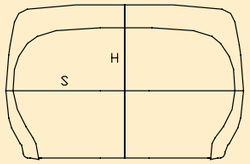
100 series or standard tyre (narrow base)

- The H/S aspect ration is approximately aqual to 1.00.
- The section width, given in inches, is a whole number.
- Example: 18.00R25



80 series or wide base

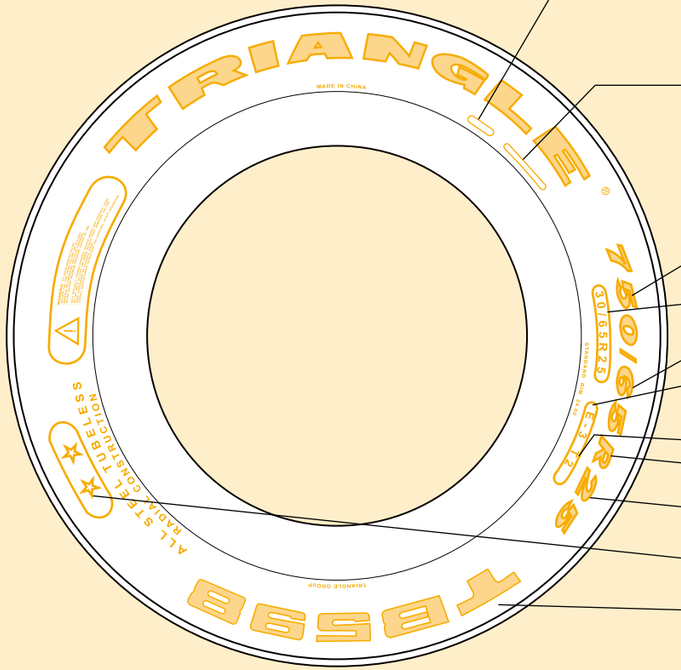
- The H/S aspect ration is approximately aqual to 0.80.
- The section width, given in inches, is a whole number followed by a fraction.
- Example: 17.5R25



Low profile tires (65 series)

- The H/S aspect ration is approximately aqual to 0.65.
- The section width, given in millimeters followed by the number 65.
- Example: 750/65R25

Explanation Of Sidewall Marking



Cured tire code

Earthmovers tire code

750: Nominal section width in mm

30: Nominal section width in inches

65: Aspect ratio(H/S=0.65)

E-3: Standardized identification code(Rock regular tread for earthmoving)

T2: Tread compound code

R:Radial construction

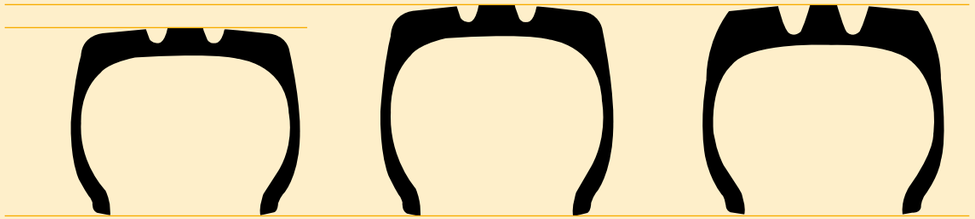
25: Nominal diameter in inches

☆☆:Indicates load carrying caability

TB598: Tread pattern

Different Tread Depths

There are 3 earthmover type families characterized by their different tread depth(or tread height) and which are chosen as a function of their use and the ground types.



Rock, traction, regular tread	Rock, deep tread	Rock, extra deep tread
100% of Design Tread Depth	150% of Design Tread Depth	250% of Design Tread Depth
E2-E3-L2-L3-G2	E4	L5

Several Types Of Tread Compounds

- **Type T1:** Low speed, highly resistant to cutting and abrasion
- **Type T2:** A compromise between resistance to abrasion and cutting.
- **Type T3:** Engineered to cope with high speed travel on long hauls.

Classification Of Earthmover Tires

Use code

E: Earthmoving
L: Loader and bulldozer
G: Grader

index

S: Smooth(mine, hard ground)
2: traction(regular)
3: rock(regular)
4: rock(deep tread)
5: rock(extra tdep tread)

Standardized Identification Code			Triangle Tread Patterns To Be Equated With The Codes
Code	Tread Pattern	Application	
E2	Traction	Transport	TB536, TM518, TB586
E3	Rock		TB516, TL528, TL568+, TB598, TB526, TL559
E4	Rock (deep tread)		TB516S, TL558S, TB526S, TB598S, TL588, TB599
L2	Traction	Loader Bulldozer	TB536, TB515, TM518
L3	Rock		TB516, TL528, TB598
L5	Rock (extra deep tread)		TL538S+, TL535S+, TL559S+
L4S	Smooth (deep tread)		TSMS
L5S	Smooth (extra deep tread)		TSMS+
G2	Traction	Grader	TB536, TB515

Load Index - Speed

Load Index (Li) And Maximum Load (kg)

LI	Maximum		LI	Maximum		LI	Maximum		LI	Maximum		LI	Maximum		LI	Maximum	
	kg	lb		kg	lb		kg	lb		kg	lb		kg	lb		kg	lb
120	1400	3090	145	2900	6390	170	6000	13230	195	12150	26790	220	25000	55120	245	51500	113540
121	1450	3200	146	3000	6610	171	6150	13560	196	12500	27560	221	25750	56780	246	53000	117950
122	1500	3310	147	3075	6780	172	6300	13890	197	12850	28330	222	26500	58430	247	54500	120150
123	1550	3420	148	3150	6950	173	6500	14330	198	13200	29100	223	27250	60070	248	56000	123480
124	1600	3530	149	3250	7170	174	6700	14770	199	13600	29990	224	28000	61740	249	58000	127890
125	1650	3640	150	3350	7390	175	6900	15210	200	14000	30870	225	29000	63940	250	60000	132300
126	1700	3750	151	3450	7610	176	7100	15650	201	14500	31970	226	30000	66150	251	61500	135580
127	1750	3860	152	3550	7830	177	7300	16090	202	15000	33070	227	30750	67790	252	63000	138890
128	1800	3970	153	3650	8050	178	7500	16530	203	15500	34180	228	31500	69460	253	65000	143300
129	1850	4080	154	3750	8270	179	7750	17090	204	16000	35280	229	32500	71660	254	67000	147710
130	1900	4190	155	3875	8540	180	8000	17640	205	16500	36380	230	33500	73870	255	69000	152120
131	1950	4300	156	4000	8820	181	8250	18190	206	17000	37480	231	34500	76070	256	71000	156530
132	2000	4410	157	4125	9090	182	8500	18740	207	17500	38590	232	35500	78280	257	73000	160930
133	2060	4540	158	4250	9370	183	8750	19290	208	18000	39690	233	36500	80480	258	75000	165340
134	2120	4670	159	4375	9650	184	9000	19840	209	18500	40790	234	37500	82690	259	77500	170660
135	2180	4810	160	4500	9920	185	9250	20390	210	19000	41890	235	38750	85430	260	80000	176400
136	2240	4940	161	4625	10200	186	9500	20940	211	19500	43000	236	40000	88200	261	82500	181880
137	2300	5070	162	4750	10470	187	9750	21500	212	20000	44110	237	41250	90940	262	85000	187390
138	2360	5200	163	4875	10750	188	10000	22050	213	20600	45420	238	42500	93710	263	87500	192900
139	2430	5360	164	5000	11020	189	10300	22710	214	21200	46750	239	43750	96470	264	90000	198450
140	2500	5510	165	5150	11350	190	10600	23370	215	21800	48070	240	45000	99210	265	92500	203920
141	2575	5680	166	5300	11690	191	10900	24030	216	22400	49390	241	46250	101960	266	95000	209440
142	2650	5840	167	5450	12020	192	11200	24690	217	23000	50700	242	47500	104720	267	97500	214950
143	2725	6010	168	5600	12350	193	11500	25360	218	23600	52040	243	48750	107470	268	100000	220500
144	2800	6170	169	5800	12790	194	11800	26020	219	24300	53580	244	50000	110250	269	103000	227370

Speed Symbols

Symbol	A1	A2	A6	A8	B	C	D	E	F	G
Speed (km/h)	5	10	30	40	50	60	65	70	80	90
Speed (mph)	3	5	20	25	30	35	40	45	50	55

Some tires bear a load index and a speed symbol

The LOAD INDEX is a numerical code associated with the maximum load a tire can carry at the speed corresponding to its speed symbol,under specified conditions.

The SPEED SYMBOL indicates the speed at which the tire can carry a load corresponding its load index,under specified conditions.

Examples of tire marking

17.5R25 TB516 176 A2: this tire is able to carry 7100kg at a maximum speed of 10km/h(15650lb at 5 mph)

20.5R25 TB515 177B: this tire is able to carry 7300kg at a maximum speed of 50km/h(16090lb at 30 mph)

Tires For Transport

Rigid dump trucks

They are axle trucks, with a tipping skip. The rear axle,which is the drive axle, is fitted with duelled tires. The front steer axle is generally fitted with single tires.

They are to be found mainly in the construction of infrastructure, open pit or surface mines. They may require very high traction capacity depending upon the site conditions.

RADIAL OFF-THE-ROAD TIRES

Articulated dump trucks

They are designed to articulate between the first and second axles, articulated dump trucks, consisting of a tractor unit featuring a single axle and a rear portion with a body that can be raised. The rear portion has one or two axles. All axles have single tires. They may require very high resistance to cuts.

Motor-scrapers

These special machines comprise a tractor unit having one axle,sometimes two, fitted with single tires, and a single axle bowl, also fitted with single tires.

The wide base type of scrapers tires is the most common. They should have the same properties as those for dump trucks. Superior flotation and traction are also occasionally required.

Main Model

Tyre Type	TB536		TM518	TB516		TL528	TL568		TB598	TB516S				TL558S		TB526S		TL588	TB599
Tread Compond	T2	T3	T2	T2		T2	T1	T2	T2	T1		T2		T1	T2	T1,T2	T1,T2, T3	T1,T2, T3	T1,T2, T3
TRA Code	E2	E2	E2	E3		E3	E3	E3	E3	E4		E4		E4	E4	E4	E4	E4	E4
Max dist.（mph）	31.1	31.1		9.9						17.4	13.7		13.7	3.8	3.8		11.2		
Max dist.（km/h）	50	50		16						28	22		22	6	6		18		
14.00R24		***** , ,								***** ,		***** , ,							
14.00R25	***** , ,	***								**		***	*** ,	***					
16.00R25														***** , ,	*** ,				
17.5R25				*	**														
18.00R25										***** , ,		*** ,		***** , ,	*** ,				
20.5R25				*	**														
23.5R25			*.** ,	*	**	*.** ,													
26.5R25				*	**														
29.5R25				*	**														
750/65R25									**										
775/65R29									**										
875/65R29									**										
29.5R29				*	**		*** ,	*** ,											
33.25R29																			
18.00R33																*	**** ,		
21.00R33																*** ,			
21.00R35																*	**** ,		
24.00R35																*	**** ,		
27.00R49																	**		
33.00R51																		**	
36.00R51																			**
37.00R57																			**
40.00R57																			**
46/90R57																			**

Tries for working

Loaders

They play an active role in the production process of mines, quarries and some industrial applications, so cut and wear resistance are vital and the tires must provide stability for the loader body. Flotation and traction properties may also be necessary, depending on the working conditions.

Dozers

They are used to displace material by pushing it by means of a front mounted blade.

As tire dozer is used not only for dozing and leveling, but also sometimes for pushing a motorscaper, tires with better traction than loader tires ate necessary.

Other requirements vary widely depending on the working conditions.

Graders

These work machines have a blade in the center and sometimes at the front as well.

In open cast mines and quarries, graders are used for the maintenance of haul roads, which needs tires that provide high traction and directional stability.

Other characteristics depend on job requirements.

Main Model

Tire type	TB536		TB515			TM518	TB516		TL528	TB598		TL538S+	
Tread Compond	T1	T1	T1		T2	T1	T1		T1	T1		T1	
TRA Code	L2	G2	L2	G2	L2	L2	L3		L3	L3		L5	
Max dist. (mph)	31.1	31.1					9.9			9.9		6.2	
Max dist. (km/h)	50	50					16			16		10	
14.00R24	*	*											
17.5R25			***	*	***								
20.5R25			***	*	***								
23.5R25													
26.5R25													
29.5R25													
750/65R25										*			
775/65R29										*			
875/65R29											*		
29.5R29							*	**					

Tires for underground-mine

Loaders

These machines are to be found in use in underground mines and tunnels.

They are designed for loading and carrying material over short distances and at low speed.

They often operate in very demanding conditions, which increase the risk of damage to tires.

Crown abrasion, tread tearing and hacking, sidewall cuts, shock impacts, eat, can be very high.

Tyre Type	TSMS+	TSMS
Tread Compond	T1	T1
TRA Code	L5S	L4S
Max dist. (mph)	3.8	3.8
Max dist. (km/h)	6	6
16.00R25		**,***
18.00R25	*,**	
26.5R25	*,**	

Tires for mechanical handling equipments

Straddle carriers

Straddle carriers are special vehicles that are mainly used at seaport areas to carry ocean-going freight containers.

These tires require extra heavy-duty performance,and wear and heat resistance, because straddle carriers operate continuously and turn frequently.

Main Model

Tyre Type	TL558S	
Tread Compond	T1	T2
TRA Code	E-4	E-4
Max dist. (mph)	3.8	3.8
Max dist. (km/h)	6	6
18.00R25	****,	**
16.00R25	****,	**

TKPH(TMPH) method

TKPH(TMPH) definition

The TKPH(Ton Kilometer Per Hour) or TMPH(Ton Mile Per Hour) is an expression of the working capacity of a tire.

The TKPH(TMPH) is a function of the maximum allowed internal operating temperature of a tire.

A tire's TKPH(TMPH) depends on its design and varies according to size and type.

It is a function of load and the number of kilometers(miles) covered per hour at an ambient temperature of 38°C(100°F).

The formula to convert a TKPH rating to a TMPH rating is:TMPH=TKPH×0.685

The TKPH(TMPH) formula

TKPH(TMPH) =Average Load Per Tire×Average Speed for the shift

Average Load Per Tire= $\frac{\text{"Empty" per tire load in tons+"loaded" per tire load in tons}}{2}$

Average Speed= $\frac{\text{Round trip distance in kilometers(miles)×number of trips}}{\text{Total Hours(in the shift)}}$

Example of a site TKPH(TMPH) calculation:

Conditions

- Empty per tire load=15.0 tons
- Loaded per tire load=30.0 tons
- Number of Hours worked=5.0 hours
- The shift hauls 10 loads.
- Each haul is 15 km, round trip.

Calculation

Average Per Tire Load= $\frac{15\text{ Tons}+30\text{Tons}}{2}$ =22.5 Tons

AverageShift Speed= $\frac{\text{5 Kilometers Per Trip×10 Trips Per Shift}}{\text{5.0 Hours Worked Per Shift}}$ =30Km/H

TKPH: 22.5Tons×30Km/H=675

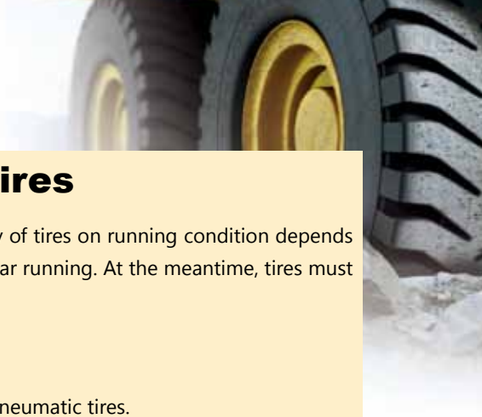
TMPH: 675×0.685=462

Conclusion

To avoid heat problems tires must have a TKPH rating of 675 or higher.

If the tires on the machine are rated less than 675:

- Reduce speed
- Reduce load
- Change to tires with a higher TMPH rating.



Explanation of data use

e: maximum overall section width section
S: section width on measuring rim,the rim is indicated in bold
H: section height
Φ: nominal bead seat diameter rim diameter
D: overall diameter,D=2H+Φ
E: minimum dual spacing on measuring rim
R: free radius,2R=D
R': static loaded radius
CdR: rolling circumference
Tread deep: tire tread depth in mm
Cap: Interior capacity of the tire

Note

The dimensions shown in the documentation correspond to TRA standard. These dimensions are given for information purpose only, and may change. It can't be used for any legal purpose. The standardized dimensions shown are the "maximum in service".

The correct pressure of the machine depends on the working conditions and using.

In order to obtain the optimal performance of tires, the maximum distance per hour for tires is not exceeded.

Advice on the use of earthmover tires

Tires are the only component to connect vehicles and road. The safety of tires on running condition depends on contact area on the ground. Therefore, it is very important to hold regular running. At the meantime, tires must be replaced correctly.

Fitting, Removing Or Mounting Tires

Always follow the recommended fitting and unfitting procedures for pneumatic tires.

Only specially trained and authorized personnel should carry out tire fitting and unfitting.

Always ensure that the tire is well positioned and seated on the rim before inflation pressures and safety guidelines.

Inflation Pressure

- Anunderinflated tire will deflect too much leading to excessive sidewall flexing.Underinflation typically results in irregular or uneven tread wear, sidewall radial cracks, ply separation, loose or broken cords inside the tire, fabric carcass fatigue and belt edge separation.
- Never exceed the inflation pressure for the wheel. It may be lower than the inflation pressure for the tire. When actual wheel loads aren't known, tires should be inflated to the pressure rec-ommended for the size and ply rating.
- It is natural that inflation pressure of tires will increase when shift. Therefore, tires can't be reduced pressure.
- When tire is cold, Inflation pressure must be checked at least once per two weeks.

RADIAL OFF-THE-ROAD TIRES

Load And Speed

- Load ability of earthmover tires depends on mounting machine type. The same spec tires can have several different speed ratings, which must be at least equal to the highest value of unload speed.
- Do empty carry when machine shift.
- Avoid continuous running in order to prevent tires' too hot that will make tires damage.

Maintenance

- The tire mounted in the vehicle must be checked frequently. Clean all the part of the tire and check if any parts of the tire, such as tread, shoulder and bead, are cracked, broken and damaged or not specially. Any tire existed in the damages above-mentioned must be inspected by the expert.
- If the tire runs in the tough road with stone and pothole, or running for a long distance, even though it looks ok, it should be checked by the expert to avoid the hiden damages that will shorten the lift of tire.
- Once the tire is punctured, stop the vehilcle and replace it with good one, otherwise its construction will be damaged. After the tire punctured is demounted, it should be checked further. Liquid sealant is not recommended because it can hide the damage and holdback the further inspection.
- If the tire can be repaired, this work must be done by the expert.

Replacement

- It is necessary to listen to the advice of manufacturer and the expert concerned when the tire is replaced. Used and uncertain tire is never recommended.
- The new tire should be mounted with new tube if the tire needs tube. The new tube must match with new valve and new O ring.
- Tire should match the rim strictly when it is fitted in the rim, otherwise the tire can be damaged.

Tire Aging

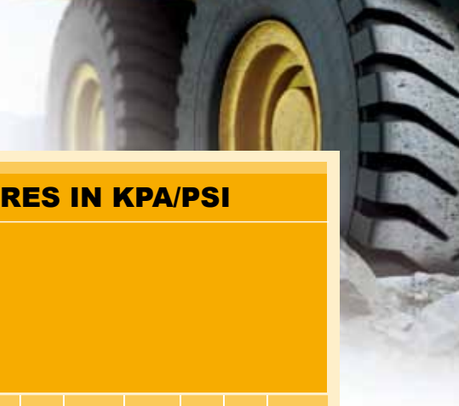
- It is natural that tire ages even though it is not used. When tire ages, cracks happens in the tread and sidewall, even deformation of carcass. Old tire and aged tire must be inspected by the expert to confirm if it is still used.

- Tire in the vehicle left unused ages and cracks easier than the one used frequently. If the vehicle stays for less than average 7 days, tire should turn around every day in 90 degrees. Besides, the vehicle should be rised by the jack or lift devices to reduce load, and avoid exposure to the sunshine.
- Tire whether the rim is fitted or not must be stored indoors in a cool, dark, dry, draft free area, avoid exposure to direct sunlight, heat, ozone, gasoline and oil and away from electrical devices. Tires fitted rim should reduce the presure when stored.

Dual Pair Tire Mounted

Tires mounted in certain axle must be of the same size, the same type(industry code), the same construction(both radial or both bias) and the same tread wear. Tire assemblies operated as a dual pair must have same outside diameter.

RADIAL OFF-THE-ROAD TIRES



TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
24“																
14.00R24 Tubeless	TB516S ★			**412** 16.2	**1443** 56.8	**375** 14.8	**1418** 55.8			**36** 1.4	**450** 17.7		10.00W			E-4
	TB516S ★★												10.00W			
	TB516S ★★★												10.00W			
	TB536 ★	**50** 31.1		**412** 16.2	**1390** 54.7	**375** 14.8	**1368** 53.9			**25** 0.98			**10.00VA** SDC 9.00 DC			G-2
																L-2
	TB536 ★★												10.00W			E-2
	TB536 ★★★												10.00W			E-2
	TB586 ★★★			**412** 16.2	**1390** 54.7	**375** 14.8	**1368** 53.9			**22** 0.9			10.00W			E-2

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	450	475	500	525	550	575	600	625	650	675	700	700	800
psi	65	69	73	76	80	83	87	91	94	98	102	102	116
50km/h *30mph*	**4000** 8800	**4125*** 9100*	**4375** 9650	**4500** 9900	**4625** 10200	**4750** 10500	**5000** 11000	**5150** 11400	**5300** 11700	**5450** 12000	**5600**** 12300**	**5800***** **12760*****	
40km/h *25mph*	**4000** 8800	**4125*** 9100*											
10km/h 5mph													
70km/h *45mph*	**4000** 8800	**4125*** 9100*	**4375** 9650	**4500** 9900	**4625** 10200	**4750** 10500	**5000** 11000	**5150** 11400	**5300** 11700	**5450** 12000	**5600** 12300	**5600**** 12300**	**6000***** 13200*****

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
25“																
14.00R25 Tubeless	TB516S ★			**412** 16.2	**1443** 56.8	**375** 14.8	**1418** 55.8			**36** 1.4			10.00/1.5			E-4
	TB516S ★★															
	TB516S ★★★	**22** 13.7														
14.00R25 Tube type	TB526 ★★★									**26** 1.02			10.00/2.0			E-3
14.00R25 Tubeless	TB586 ★★★									**22** 0.87	**450** 17.7		10.00/1.5			E-2
	TB536 ★			**412** 16.2	**1390** 54.7	**375** 14.8	**1368** 53.9									
	TB536 ★★	**50** 31.1								**25** 0.98			10.00/1.5			E-2
	TB536 ★★★															
16.00R25 Tubeless	TL558S ★															
	TL558S ★★	**6** 3.8		**475** 18.7	**1576** 62.0	**432** 17.0	**1548** 61.0			**51** 2.0	**513** 20.2		11.25/2.0			E-4
	TL558S ★★★															
16.00R25 Tubeless	TSMS ★															
	TSMS ★★			**475** 18.7	**1576** 62.0	**432** 17.0	**1548** 61.0			**54** 2.1	**513** 20.2		11.25/2.0			L-4S
	TSMS ★★★															
	TB586 ★★★			**475** 18.7	**1518** 59.78	**432** 17.0	**1493** 58.76			**24** 0.9	**513** 20.2		11.25/2.0			E-2

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	450	475	500	525	550	575	600	625	650	675	700	700	725	750	775	800	825	850	875	900		
psi	65	69	73	76	80	83	87	91	94	98	102	102	105	109	112	116	120	123	127	131		
50km/h *30mph*	**4000** 8800	**4125*** 9100*	**4375** 9650	**4500** 9900	**4625** 10200	**4750** 10500	**5000** 11000	**5150** 11400	**5300** 11700	**5450** 12000	**5600**** 12300**	**5800***** 12760***				**6150RF** 13600RF						
10km/h *5mph*																				**10000RF** 22000RF		
70km/h *45mph*												**5800** 12760	**5850** 12870	**5900** 12980	**5950** 13090	**6000***** 13200***						
10km/h *5mph*				**8750** 19300	**9000*** 19800*	**9250** 20400	**9750** 21500	**10000** 22000	**10300** 22700	**10600** 23400	**10900** 24000	**10900** 24000	**11200** 24700	**11500** 25400	**11800** 26000	**12150** 26800	**12150**** 26800**	**12450** 27400	**12850** 28300	**13250***** 29200***		
70km/h																				**7300***** 16100 ***		

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
25“																
17.5R25	TB515 ★			**489** 19.3	**1370** 53.9	**445** 17.5	**1348** 53.1	**602** 23.7		**27** 1.1			14.00/1.5			G-2
																L-2
	TB515 ★★															L-2
	TB516 ★	**16** 9.9		**489** 19.3	**1370** 53.9	**445** 17.5	**1348** 53.1			**26** 1.1			14.00/1.5			L-3
																E-3
	TB516 ★★															L-3
																E-3
18.00R25	TB516S ★															
	TB516S ★★	**28** 17.4		**548** 21.6	**1704** 67.1	**498** 19.6	**1673** 65.9	**746** 29.4		**45** 1.8			13.00/2.5			E-4
	TB516S ★★★															
	TL558S ★															
	TL558S ★★	**6** 3.8		**548** 21.6	**1704** 67.1	**498** 19.6	**1673** 65.9			**54** 2.1	**587** 23.1		13.00/2.5			E-4
	TL558S ★★★															
	TSMS+ ★	**6** 3.8		**548** 21.6	**1704** 67.1	**498** 19.6	**1673** 65.9			**80** 3.1			13.00/2.5			L-5S
	TSMS+ ★★															
	TB586 ★★★			**548** 21.6	**1647** 67.84	**498** 19.6	**1617** 63.68			**26** 1.0			13.00/2.5			E-2

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
psi	18	22	25	29	33	36	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
10km/h *5mph*												**6000** 13200	**6150** 13600	**6500** 14300	**6700** 14800	**7100*** 15700*	**7300** 16100	**7500** 16500	**7750** 17100	**8000** 17600	**8250** 18200	**8500 **** 18700**
40km/h *25mph*	**1850** 4080	**2120** 4680	**2360** 5200	**2650** 5840	**2900** 6400	**3075** 6800	**3350** 7400	**3650*** 8050*														
50km/h *30mph*							**3350** 7400	**3550** 7850	**3750** 8250	**4000** 8800	**4125*** 9100*	**4375** 9650	**4625** 10200	**4750** 10500	**5000** 11000	**5150** 11400	**5450**** 12000**					

KPa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900
psi	65	69	73	76	80	83	87	91	94	98	102	105	109	112	116	120	123	127	131
10km/h *5mph*				**11200** 24700	**11800*** 26000*	**12150** 26800	**12500** 27600	**12850** 28300	**13200** 29100	**13600** 30000	**14000** 30900	**14500** 32000	**15000** 33100	**15000** 33100	**15500** 34200	**16000**** 35300****	**16350** 36000	**16750** 36900	**17100 ***** 37700 *****
50km/h *30mph*	**6700** 14800	**7100*** 15700*	**7300** 16100	**7500** 16500	**7750** 17100	**8000** 17600	**8250** 18200	**8500** 18700	**8750** 19300	**9000** 19800	**9250**** 20400****								
70km/h																			**9500***** 20900*****

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
25“																
20.5R25 Tubeless	TB515 ★	16 9.9		573 22.6	1518 59.8	521 20.5	1493 58.8			30 1.2			17.00/2.0			G-2
																L-2
	TB515 ★★															L-2
																L-2
	TB516 ★ 11013971															L-3
	TB516 ★ 11013981															E-3
	TB516 ★★ 11014971															L-3
	TB516 ★★ 11014981															E-3
20.5R25 Tubeless	TL538S+ ★ TL538S+ ★★ 11038971	10 6.2		573 22.6	1576 62.0	521 20.5	1548 61.0			70 2.8			17.00/2.0			L-5
23.5R25 Tubeless	TM518 ★	16 9.9		657 25.9	1647 64.8	590 23.2	1601 63.0			30 1.2			19.50/2.5			L-2
																E-2
	TM518 ★★															L-2
																E-2
	TL528 ★			657 25.9	1647 64.8	605 23.8	1642 64.6	730 28.7		40 1.6			19.50/2.5			L-3
																E-3
	TL528 ★★															L-3
																E-3
	TB516 ★ 11020971			657 25.9	1647 64.8	600 23.6	1626 64.0	724 28.5		32 1.3			19.50/2.5			L-3
	TB516 ★ 11020981															E-3
	TB516 ★★ 11019971															L-3
	TB516 ★★ 11019981															E-3
	TL538S+ ★ TL538S+ ★★ 11040971	10 6.2		657 25.9	1704 67.1	605 23.8	1657 65.2	720 28.3		77 3.0			19.50/2.5			L-5

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
psi	18	22	25	29	33	36	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
10km/h *5mph*												**8000** 17600	**8250** 18200	**8750** 19300	**9000** 19800	**9500*** 20900*	**9750** 21500	**10000** 22000	**10300** 22700	**10900** 24000	**11200** 24700	**11500**** 25400**
40km/h *25mph*	**2430** 5360	**2800** 6150	**3150** 6950	**3450** 7600	**3875** 8550	**4125** 9100	**4375** 9650	**4625*** 10200*														
50km/h *30mph*							**4375** 9650	**4750** 10500	**5000** 11000	**5300** 11700	**5600*** 12300*	**5800** 12800	**6150** 13600	**6500** 14300	**6700** 14800	**6900** 15200	**7300**** 16100**					

KPa	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
psi	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
10km/h *5mph*						**8000** 17600	**8250** 18200	**8750** 19300	**9000** 19800	**9500*** 20900*	**9750** 21500	**10000** 22000	**10300** 22700	**10900** 24000	**11200** 24700	**11500**** 25400**
10km/h *5mph*						**10300** 22700	**10600** 23400	**11200** 24700	**11500** 25400	**12150*** 26800*	**12500** 27600	**12850** 28300	**13200** 29100	**13600** 30000	**14000** 30900	**14500**** 32000**
50km/h *30mph*	**5600** 12300	**6000** 13200	**6500** 14300	**6700** 14800	**7100*** 15700*	**7500** 16500	**7750** 17100	**8250** 18200	**8500** 18700	**9000** 19800	**9250**** 20400**					

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
25“																
23.5R25 Tubeless	TL559S+ ★★	6 3.8		**657** 25.9	**1704** 67.1	**605** 23.8	**1657** 65.2			**83** 3.3			19.50/2.5			L-5
	TB598S ★			**657** 25.9	**1704** 67.1	**605** 23.8	**1657** 65.2			**47** 1.9			19.50/2.5			E-4
	TB598S ★★															
26.5R25 Tubeless	TSMS+ ★	6 3.8		**740** 29.2	**1833** 76.2	**673** 26.5	**1798** 70.8			**94** 3.7			22.00/3.0			L-5S
	TSMS+ ★★															
	TB516 ★ 11025971	16 9.9		**740** 29.2	**1784** 70.2	**673** 26.5	**1750** 68.9	**775** 30.5		**35** 1.4			22.00/3.0			L-3
	TB516 ★ 11025981															E-3
	TB516 ★★ 11026971															L-3
	TB516 ★★ 11026981															E-3
	TL538S+ ★ 11041971	10 6.2		**740** 29.2	**1833** 76.2	**673** 26.5	**1798** 70.8	**748** 29.4		**86** 3.4			22.00/3.0			L-5
	TL538S+ ★★ 11042971															

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
psi	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
10km/h *5mph*						**12850** 28300	**13200** 29100	**14000** 30900	**14500** 32000	**15000*** 33100*	**15500** 34200	**16000** 35300	**16500** 36400	**17000** 37500	**18000** 39700	**18500**** 40800**
50km/h *30mph*	**7100** 15700	**7500** 16500	**8000** 17600	**8500** 18700	**9000*** 19800*	**9500** 20900	**9750** 21500	**10300** 22700	**10600** 23400	**11200** 24700	**11500**** 25400**					

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
25“																
26.5R25 Tubeless	TL559S+ ★★			**740** 29.2	**1833** 76.2	**673** 26.5	**1798** 70.8			**91** 3.6			22.00/3.0			L-5
	TB598S ★			**740** 29.2	**1833** 76.2	**673** 26.5	**1798** 70.8			**54** 2.1						E-4
	TB598S ★★															
	TL559 ★★★	**5** 3		**740** 29.2	**1784** 70.2	**673** 26.5	**1750** 68.9			**24** 0.9						E-3
29.5R25 Tubeless	TB516 ★ 11020971	**16** 9.9		**824** 32.5	**1911** 75.2	**756** 29.8	**1874** 73.8	**829** 32.6		**38** 1.5			25.00/3.5			L-3
	TB516 ★ 11020981															E-3
	TB516 ★★ 11028971															L-3
	TB516 ★★ 11028981															E-3
	TL538S+ ★	**10** 6.2		**824** 32.5	**1960** 77.2	**743** 29.3	**1906** 75.0			**94** 3.7			25.00/3.5			L-5
	TL538S+ ★★ 11044971															
	TL559S+ ★★	**5** 3		**824** 32.5	**1960** 77.2	**743** 29.3	**1906** 75.0			**100** 3.9			25.00/3.5			L-5
	TB598S ★									**57** 2.2						E-4
	TB598S ★★															
750/65R25 Tubeless	TB598 ★	**16** 9.9		**792** 31.2	**1639** 64.5	**746** 29.4	**1600** 63.0			**42** 1.7			24.00/3.0			L-3
	TB598 ★★															E-3

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
psi	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
10km/h *5mph*						**15500** 34200	**16000** 35300	**17000** 37500	**17500** 38600	**18000*** 39700*	**19000** 41900	**19500** 43000	**20000** 44100	**20600** 45400	**21200** 46700	**22400**** 49400**
50km/h *30mph*	**8500** 18700	**9250** 20400	**9750** 21500	**10300** 22700	**10900*** 24000*	**11500** 25400	**11800** 26000	**12500** 27600	**12850** 28300	**13600** 30000	**14000**** 30900**					

KPa	350	375	400	425	450	475	500	525	550	575	600	625				
psi	51	54	58	62	65	69	73	76	80	83	87	91				
10km/h *5mph*			**13200** 29100	**13600** 30000	**14500** 32000	**15000** 33100	**15500** 34200	**16000** 35300	**16500** 36400	**17000** 37500	**17500** 38600	**18500**** 40800**				
50km/h *30mph*	**9250** 20400	**9750** 21500	**10000** 22700	**10600**** 23400**												

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

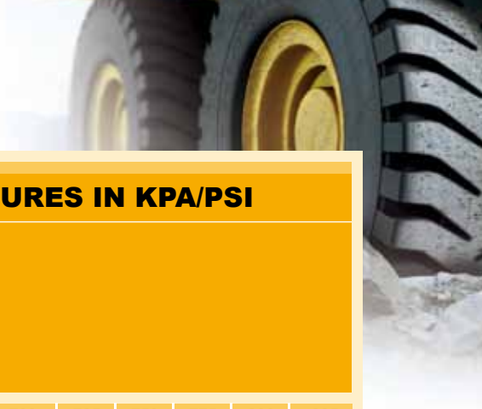
Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim	Tubeless	Tube type	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.	Permitted Rim	O-Ring CAL	Ref. Flap	
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
29“																
29.5R29 Tubeless	TB516 ★	**16** 9.9		**824** 32.5	**2012** 79.2	**757** 29.8	**1983** 78.1	**876** 34.5		**38** 1.5			25.00/3.5			L- 3
	TB516 ★															E- 3
	TB516 ★★ 11030971															L- 3
	TB516 ★★ 11030981															E- 3
33.25R29 Tubeless	TL568+ ★			**936** 36.9	**2131** 83.9	**845** 33.25	**2090** 82.3			**44** 1.7			27.00/3.5			E- 3
	TL568+ ★★															
29“																
775/65R29 Tubeless	TB598 ★	**16** 9.9		**809** 31.9	**1775** 69.9	**771** 30.4	**1745** 68.7			**44** 1.7			24.00/3.5			L- 3
	TB598 ★★															E- 3
875/65R29 Tubeless	TB598 ★			**879** 34.6	**1875** 73.8	**868** 34.2	**1868** 73.5			**50** 2.0			28.00/3.5			L- 3
	TB598 ★★															E- 3

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
psi	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
10km/h						**16500**	**17000**	**18000**	**18500**	**19500***	**20000**	**20600**	**21200**	**22400**	**23000**	**23600****
5mph						36400	37500	39700	40800	43000*	44100	45400	46700	49400	50700	52000**
50km/h	**9250**	**9750**	**10300**	**10900**	**11500***	**12150**	**12500**	**13200**	**13600**	**14500**	**15000****					
30mph	20400	21500	22700	24000	25400*	26800	27600	29100	30000	32000	33100**					
50km/h	**11200**	**12150**	**12850**	**13600**	**14000***	**15000**	**15500**	**16500**	**17000**	**17500**	**18500****					
30mph	24700	26800	28300	30000	30900*	33100	34200	36400	37500	38600	40800**					

KPa	350	375	400	425	450	475	500	525	550	575	600	625				
psi	51	54	58	62	65	69	73	76	80	83	87	91				
10km/h			**15000**	**15500**	**16500**	**17000***	**17500**	**18500**	**19000**	**19500**	**20000**	**20600****				
5mph			33100	34200	36400	37500*	38600	40800	41900	43000	44100	45400**				
50km/h	**10900**	**11500**	**12150**	**12850****												
30mph	24000	25400	26800	28300**												
10km/h			**18500**	**19500**	**20000**	**21200***	**21800**	**23000**	**23600**	**24300**	**25000**	**25750****				
5mph			40800	43000	44100	46700*	48100	50700	52000	53600	55100	56800**				
50km/h	**13200**	**14000**	**14500**	**15500****												
30mph	29100	30900	32000	34200**												

RADIAL OFF-THE-ROAD TIRES



TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim / Permitted Rim	Tubeless / O-Ring CAL	Tube type / Ref. / Flap	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.				
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
33“																
18.00R33 Tubeless	TB526S ★	**18** 11.2		**548** 21.6	**1908** 75.1	**498** **19.6**	**1877** 73.9	**841** 33.1		**51** 2.0	**587** 23.1		13.00/2.5			E- 4
	TB526S ★															
	TB526S ★★ 11024981															
	TB526S ★★ 11024981															
21.00R33 Tubeless	TB526S ★			**629** 24.8	**2094** 82.4	**571** **22.5**	**2001** 78.8	**914** 36.0		**52** 2.0			15.00/3.0			E- 4
	TB526S ★															
	TB526S ★★															
	TB526S ★★															
35/65R33 Tubeless	TL535S+ ★			**978** 38.50	**2115** 83.27	**889** 35.00	**2077** 81.78			**95** 3.7			28.00/3.5			L-5
	TL535S+ ★★															

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825
psi	65	69	73	76	80	83	87	91	94	98	102	105	109	112	116	120
10km/h *5mph*				**13200** 29100	**13600*** 30000*	**14000** 30900	**14500** 32000	**15000** 33100	**15500** 34200	**16000** 35300	**16500** 36400	**16500** 36400	**17000** 37500	**17500** 38600	**18000** 39700	**18500**** 40800**
50km/h *30mph*	**7750** 17100	**8000*** 17600*	**8500** 18700	**8750** 19300	**9000** 19800	**9250** 20400	**9750** 21500	**10000** 22000	**10300** 22700	**10600** 23400	**10900**** 24000**					
10km/h *5mph*				**17000** 37500	**17500*** 38600*	**18000** 39700	**18500** 40800	**19000** 41900	**19500** 43000	**20000** 44100	**20600** 45400	**21200** 46700	**21800** 48100	**22400** 49400	**23000** 50700	**23600**** 52000**
50km/h *30mph*	**10000** 22000	**10300*** 22700*	**10900** 24000	**11200** 24700	**11500** 25400	**11800** 26000	**12500** 27600	**12850** 28300	**13200** 29100	**13600** 30000	**14000**** 30900****					
10km/h *5mph*	**19500** 43000	**20600** 45400	**21200** 46700	**22400** 49400	**23000*** 50700*				**27250**** 60000****							

RADIAL OFF-THE-ROAD TIRES

TYPE CHARACTERISTICS

Commercial description		MAX. DIST. /Hour KM Miles	TKPH TMPH	Standardized Dimensions max. in service		Dimensional Characteristics							Recom. Rim	Tubeless	Tube type	Industry code
						Triangle dimensions										
Size	Types cai (part number)			e	D	e	D	R'	CdR	Tread deep	E	Cap.	Permitted Rim	O-Ring CAL	Ref. Flap	
				mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	i gallon				
35“																
21.00R35 Tubeless	TB526S ★	18 11.2		**629** 24.8	**2087** 82.2	**572** 22.5	**2052** 80.8			**60** 2.4	**701** **27.6**		15.00/3.0			E- 4
	TB526S ★															
	TB526S ★★															
	TB526S ★★															
24.00R35 Tubeless	TB526S ★	18 11.2		**718** 28.3	**2214** 87.2	**653** 25.7	**2175** 85.6			**65** 2.6	**795** 31.3		17.00/3.5			E- 4
	TB526S ★★ 11032981															
	TB526S ★★ 11032981															
49" ~ 57"																
27.00R49 Tubeless	TB526S ★★	22 13.7		**737** 29.0	**2702** 106.4	**700** 27.6	**2688** 105.8			**74** 2.9			19.5 0/4.0			E-4
33.00R51 Tubeless	TL588 ★★	24 14.9		**894** 35.2	**3061** 120.5	**873** 34.4	**3018** 118.8			**83** 3.3			24.00/5.0			E-4
36.00R51 Tubeless	TB599 ★★	24 14.9		**988** 38.9	**3233** 127.3	**1018.5** 40.1	**3251.2** 128			100 3.9			26.00/5.0			E-4
37.00R57 Tubeless	TB599 ★★	27 16.8		**1016** 40.0	**3438** 135.4	**1054.1** 41.5	**3441.7** 135.5			100 3.9			27.00/6.0			E-4
40.00R57 Tubeless	TB599 ★★	27 16.8		**1097** 43.2	**3594** 141.5	**1111.3** 43.8	**3568.7** 140.5			100 3.9			29.00/6.0			E-4
46/90R57 Tubeless	TB599 ★★	27 16.8		**1168** 46.0	**3594** 141.5	**1187.5** 46.8	**3568.7** 140.5			100 3.9			32.00/6.0			E-4

TYPE LOADS IN KG/LB-TYRE PRESSURES IN KPA/PSI

KPa	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825
psi	65	69	73	76	80	83	87	91	94	98	102	105	109	112	116	120
10km/h *5mph*				**17000** 37500	**18000*** 39700*	**18500** 40800	**19000** 41900	**19500** 43000	**20000** 44100	**20600** 45400	**21200** 46700	**21800** 48100	**22400** 49400	**23000** 50700	**23600** 52000	**24300**** **53600****
50km/h *30mph*	**10300** 22700	**10600*** 23400*	**11200** 24700	**11500** 25400	**11800** 26000	**12150** 26800	**12850** 28300	**13200** 29100	**13600** 30000	**14000** 30900	**14500**** 32000**					
10km/h *5mph*				**21800** 48100	**23000*** 50700*	**24300** 53600	**25000** 55100	**25750** 56800	**26500** 58400	**27250** 60000	**28000** 61500	**29000** 64000	**29000** 64000	**30000** 66000	**30000** 66000	**30750**** **68000****
50km/h *30mph*	**13200** 29100	**13600*** 30000*	**14000** 30900	**14500** 32000	**15500** 34200	**16000** 35300	**16500** 36400	**17000** 37500	**17500** 38600	**18000** 39700	**18500**** 40800****					
50km/h *30mph*	**19500** 43000	**20000** 44100	**20600** 45400	**21800** 48100	**22400** 49400	**23000** 50700	**23600** 52000	**25000** 55100	**25750** 56800	**26500** 58400	**27250** 60000					
50km/h *30mph*	**27250** 60000	**29000** 64000	**30000** 66000	**30750** 68000	**32500** 71500	**33500** 74000	**34500** 76000	**35500** 78500	**36500** 80500	**37500** 82500	**38750** 85500					
50Km/h 30*mph*	**33500** 74000	**35500** 78500	**36500** 80500	**37500** 82500	**38750** 85500	**40000** 88000	**41250** 91000	**42500** 93500	**43750** 96500	**45000** 99000	**46250** 102000					
50Km/h 30*mph*	**37500** 82500	**38750** 85500	**40000** 88000	**41250** 91000	**43750** 96500	**45000** 99000	**46250** 10200	**47500** 104500	**48750** 107500	**50000** 110000	**51500** 113500					
50Km/h 30*mph*	**42500** 93500	**45000** 99000	**46250** 102000	**48750** 107500	**50000** 110000	**51500** 113500	**53000** 117000	**54500** 120000	**56000** 123500	**58000** 128000	**60000** 132500					
50Km/h 30*mph*	**45000** 99000	**47500** 104500	**48750** 107500	**51500** 113500	**53000** 117000	**54500** 120000	**56000** 123500	**58000** 128000	**60000** 132500	**61500** 135500	**63000** 139000					

RADIAL OFF-THE-ROAD TIRES

TM518

- Excellent heat dispersion at high speed.
- Wearable tread.
- Good traction.
- Improved puncture resistance.
- Good flotation stability.
- Comfortable.
- Low fuel consumption.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
23.5R25	L2	★ / ★★	30	195A2/ 201A2
	E2	★ / ★★		176B/ 185B

Tread Compound: T1, T2

TL528

- Excellent heat dispersion at high speed
- Wearable tread
- Good traction.
- Improved puncture resistance
- Good floatation stability and excellent cleaning itself

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
23.5R25	L3	★ / ★★	40	195A2/ 201A2
	E3	★ / ★★		176B/ 185B

Tread Compound: T1, T2

TL538S+

- Excellent Traction, the aggressive, open pattern provide grip and traction.
- Supper operator comfort: The staggered tread blocks combine to give operators continuos ground contact for smooth ride.
- Extra protection the rugged square-shouldered design offers stability and protection from cuts

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
20.5R25	L5	★ / ★★	70	186A2/ 193A2
23.5R25	L5	★ / ★★	77	195A2/ 201A2
26.5R25	L5	★ / ★★	86	202A2/ 209A2
29.5R25	L5	★ / ★★	94	208A2/ 216A2

Tread Compound: T1

TL558S

- Deep tread heavy duty radial construction for container handler applications.
- Strong resistance to puncture and sidewall damage.
- Industrial Application compound and construction.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
16.00R25	E4	★★ / ★★★	51	195A2/ 198A2
18.00R25	E4	★★ / ★★★	54	204A2/ 206A2

Tread Compound: T2

RADIAL OFF-THE-ROAD TIRES

TL568 +

- The open, non-directional tread design andlarge ground contact area offer excellent traction.
- Excellent wear resistance compound, with a strong power on both dry and wet, mud road.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
33.25R29	E3	★★	44	209B

Tread Compound: T1, T2, T3

TB598

- Excellent endurance performance.
- Excellent cleaning itself.
- The excellent tread compound formulation offers high resistance to cutting and chipping for long tread life.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
750/65R25	L3/ E3	★★	42	209A2/ 190B
775/65R29	L3/ E3	★★	44	213A2/ 195B
875/65R29	L3/ E3	★★	50	221A2/ 214B

Tread Compound: T1, T2

TB598S

- Excellent endurance performance.
- Excellent cleaning itself.
- The excellent tread compound formulation offers high resistance to cutting and chipping for long tread life.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
23.5R25	E4	★ / ★★	47	176B/ 185B
26.5R25	E4	★ / ★★	54	184B/ 193B
29.5R25	E4	★ / ★★	57	191B/ 200B

Tread Compound: T2

TB515

- with super heat dispersion.
- With a wearable tread.
- With perfect puncture resistance.
- Excellent cushion for the operator.
- Low fuel consumption.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
17.5R25	L2	★ / ★★	27	176A2/ 182A2
	G2	★		153A8
20.5R25	L2	★ / ★★	30	186A2/ 193A2
	G2	★		161A8

Tread Compound: T1, T2

RADIAL OFF-THE-ROAD TIRES

TB516

- Excellent traction
- Excellent puncture resistance
- Suitable for the severe grinding condition
- Stable handling
- Low heat build-up at high speed.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
17.5R25	L3	★ / ★★	27	176A2/ 182A2
	E3	★ / ★★		157B/ 167B
20.5R25	L3	★ / ★★	30	186A2/ 193A2
	E3	★ / ★★ / ★★ RF		168B/ 177B/ 198A2
23.5R25	L3	★ / ★★	32	195A2/ 201A2
	E3	★ / ★★ / ★★ RF		176B/ 185B/ 206A2
26.5R25	L3	★ / ★★	35	202A2/ 209A2
	E3	★ / ★★ / ★★ RF		184B/ 193B/ 214A2
29.5R25	L3	★ / ★★	38	208A2/ 216A2
	E3	★ / ★★		191B/ 200B
29.5R29	L3	★ / ★★	38	211A2/ 218A2
	E3	★ / ★★		193B/ 202B

Tread Compound: T1,T2,T3

TB516S

- With deepen traction pattern
- Excellent traction
- Excellent puncture resistance
- Suitable for the severe grinding condition
- Stable handling
- low heat build-up at high speed

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
14.00R24	E4	★ / ★★★	36	157B/ 169B
14.00R25	E4	★★★	36	169B
18.00R25	E4	★★ / ★★★	45	204B/ 206A2

Tread Compound: T1,T2,

TB526

- With non-directional deepen tread pattern and well-protected sidewalls provides exceptional durability.
- Excellent lateral and longitudinal traction in the worse condition.
- Perfect traction and super anti-side skidding
- Pattern for big-size articulated dump truck tire
- With excellent cut-resistant on the sand and stone surface

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
14.00R25	E3	★★★ RF	26	188A2/ 171B

Tread Compound: T2

RADIAL OFF-THE-ROAD TIRES

TB526S

- With non-directional deepen tread pattern and well-protected sidewalls provides exceptional durability.
- Excellent lateral and longitudinal traction in the worse condition.
- Perfect traction and super anti-side skidding
- Pattern for big-size articulated dump truck tire
- With excellent cut-resistant on the sand and stone surface

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
18.00R33	E4	★★	51	209A2/ 191B
21.00R33	E4	★★	52	218A2/ 200B
21.00R35	E4	★★	60	219A2/ 201B
24.00R35	E4	★★	65	227A2/ 209B

Tread Compound: T1,T2

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
27.00R49	E4	★★	74	209B

Tread Compound: T1,T2,T3

TL559

- Heavy duty radial construction.
- Strong resistance to puncture and sidewall damage.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
26.5R25	E3	★★★	24	214A1

Tread Compound: T2

TB536

- With a wider footprint provides a longer life and exceptional traction in a wide variety of condition
- With high passing performance
- Super wearable tread
- Perfect puncture resistance
- Low fuel consumption

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
14.00R24	L2	★	25	157B
	G2	★		153A8
	E2	★ / ★★★		157E/ 170E
14.00R25	E2	★★★	25	169B/ 170E

Tread Compound: T2,T3

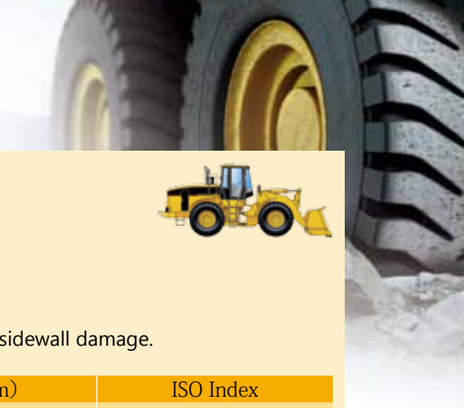
TSMS

- Superior Reliability: Special cut-resistant rubber compounds and heavy sidewall protection make it the ideal tire
- Unique Tread Depth indicator.
- Extended Wear.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
16.00R25	L-4S	★★ / ★★★	51	195A2/ 198A2

Tread Compound: T1

RADIAL OFF-THE-ROAD TIRES



TSMS+

- Superior Reliability: Special cut-resistant rubber compounds and heavy sidewall protection make it the ideal tire
- Unique Tread Depth indicator.
- Extended Wear.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
18.00R25	L-5S	★★	80	204A2
26.5R25	L-5S	★ / ★★	94	202A2/ 209A2

Tread Compound: T1

TL535S +

- Excellent Traction, the aggressive,open attern provide grip and traction.
- Smooth ride from continuous ground contact.
- With deepen traction pattern .Strong resistance to puncture provides a longer life.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
35/65R33	L5	★ / ★★	95	217A2/ 223A2

Tread Compound: T1

TL559S +

- Heavy duty radial construction.
- Strong resistance to puncture and sidewall damage.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
23.5R25	L5	★★	83	201A1
26.5R25	L5	★★	91	209A1
29.5R25	L5	★★	100	216A1

Tread Compound: T1

TB586

- High-speed Capabilities.
- Excellent traction in tough, demanding job-site conditions.
- Improves operator comfort by reducing road noise.

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
14.00R25(385/95R25)	E2	★★★	22	170E
16.00R25(445/95R25)	E2	★★★	24	177E
18.00R25(505/95R25)	E2	★★★	26	186E

Tread Compound: T3

RADIAL OFF-THE-ROAD TIRES

TL588

- Excellent traction and flotation; outstanding stability.
- Enhanced Operation comfort .
- Less heat build-up in running.
- Less susceptibility to damage from impacts and penetrations .
- Long-lasting, durable with low rolling resistance for efficient fuel economy .

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
33.00R51	E4	★★	83	235B

Tread Compound: T1,T2,T3

TB599

- Excellent traction and flotation ; outstanding stability .
- Cooler operating temperatures .
- Low fuel consumption.
- Enhanced operator comfort .
- Long Tread Life .

Tire Size	TRA Code	Star Rating	TD（mm）	ISO Index
36.00R51	E4	★★	100	241B
37.00R57	E4	★★	100	245B
40.00R57	E4	★★	100	250B
46/90R57	E4	★★	100	252B

Tread Compound: T1,T2,T3