

Tyre Selection Guide

	HIGHWAY LONGHAUL USE		HIGHWAY REGIONAL USE		ON/OFF ROAD USE		OFF ROAD USE	
	BRIDGESTONE	FIRESTONE	BRIDGESTONE	FIRESTONE	BRIDGESTONE	FIRESTONE	BRIDGESTONE	FIRESTONE
STEER (ALL POSITION)	R152 R184 R187 R227 R249	FS404	R249 R295 R187 R192 R294	FS404	G582 M840 M857 M748	UT3000 SUPER UT2000	G582 M840 M857 M748	UT3000 SUPER UT2000
DRIVE	R-DRIVE 001 M729	FD606	R-DRIVE 001 M729 R192	FD606	G582 M840 M857 L301 L317 L355	UT3000 SUPER UT2000	G582 M840 M857 L301 L317 L355	UT3000 SUPER UT2000
TRAILER	R164 R168	FS404 TSP3000II	R187 R168	FS404 TSP3000II	G582 M840 M857 M748	UT3000 SUPER UT2000 TSP3000II	G582 M840 M857 M748	UT3000 SUPER UT2000 TSP3000II

Selecting the right tyre for the job

The type and intended use of the vehicle must be analysed before determining whether it is better to use standard original equipment tyres or approved optional tyres. Because conditions vary, tyres should be selected carefully to assure maximum tyre life. For example, a dump truck may be used to haul gravel over a public road from pit to job, or to haul gravel at much slower speeds just in the pit or on a construction project.

If additional load capacity or extra flotation is required, the vehicle and rim/wheel manufacturers must be consulted. To select the right tyre for the job, the following must be taken into consideration:

1. The correct size
2. The axle/vehicle maximum weight rating
3. The correct tyre inflation
4. If special non-OE tyre sizes or types are required, determine what factors, in addition to those above, must be considered

1. Determine the correct tyre size

Before selecting a replacement tyre always refer to the vehicle tyre information manual. When selecting a replacement tyre size that is different from the size or sizes shown in the manual, ensure that the replacement size has adequate load carrying capacity.

Always consult tyre and vehicle manufacturers' manuals for rim selection, tyre/vehicle clearance for replacement tyres and other considerations.

2. Determine /vehicle maximum weight rating

The capacity of the tyre or the rim must not be exceeded by the load per tyre. Rim/wheel manufacturers' manuals must be consulted as sometimes tyres may be rated at higher loads than some rims/wheels will carry.

3. Determine the correct inflation for replacements

The tyre inflation pressure must correspond to the tyre load to be carried. Select the correct pressures from the load/inflation tables supplied by the tyre manufacturer or dealer. When using lower inflation pressures for additional flotation on sandy surfaces, it is imperative that tyres are inflated to the recommended inflation pressure before resuming driving on hard surfaces.

4. Determine if special non-OE tyre sizes or tyres are needed and what factors, in addition to those above, must be considered

Firstly, a tyre size must be selected that will have suitable load carrying capacity at an appropriate inflation pressure for the application.

Secondly, when selecting the correct type of tyre or tread design, speed, distance and road conditions must be taken into consideration.

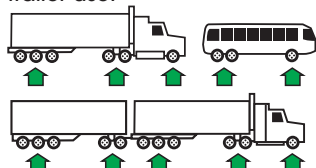
For example, excessive heat can build up due to sustained high speeds and cause tyre damage or failure. Always be aware of any speed restrictions on tyres.

For assistance in selecting the correct tyre for a given axle position and/or operating conditions, consult the tyre manufacturer.

Bridgestone R227



Superior steer tyre for highway use.
Also recommended for drive and trailer use.

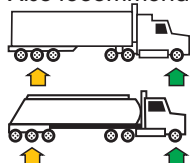


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
	T	⊙	🛞	📊
811920	TL	265/70R19.5	14	148/138
809510	TL	285/70R19.5	16	145/143
810610	TL	295/80R22.5	16	152/148
128000	TL	315/80R22.5	18	154/150
809410	TL	235/75R17.5	14	132/130

Bridgestone R249



Steer type tyre for highway use,
both long and short haul.
Also recommended for trailer use.

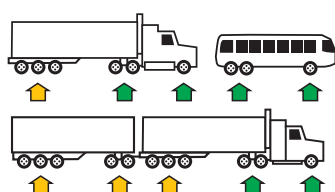


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
	T	⊙	🛞	📊
811600	TL	385/65R22.5	18	160

Bridgestone R294



All position tyre for highway use.
Also recommended for drive and trailer use.

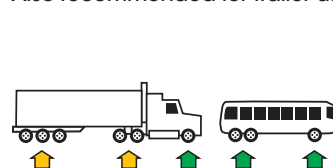


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
	T	⊙	🛞	📊
809820	TL	8.5R17.5	12	121/120
809800	TL	215/75R17.5	14	126/124
809830	TL	235/75R17.5	14	132/130
810725	TL	285/60R22.5	16	148/145

Bridgestone R152



Steer type tyre for highway use,
both long and short haul.
Also recommended for trailer use.

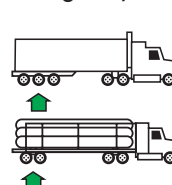


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
	T	⊙	🛞	📊
810770	TL	12R22.5	16	152/148
832560	TL	295/80R22.5	16	152/148
810980	TL	315/80R22.5	18	154/150

Bridgestone R164



Designed for trailer axles
for highway terrain.

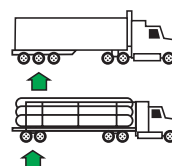


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
	T	⊙	🛞	📊
810845	TL	425/65R22.5	20	165
811620	TL	445/65R22.5	20	169

Bridgestone R168



High-durability trailer tyre.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
	T	⊙	🛞	📊
812030	TL	385/65R22.5	18	160

Also available in retread.

SELECTION KEY	
PERMISSIBLE	RECOMMENDED
↑	↑

Bridgestone R192



All position bus tyre exclusively used in urban areas.

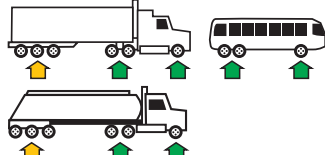


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
832100	TL	275/70R22.5	16	148/145

Bridgestone R295



All position tyre for highway use, both long haul and short distance driving. Also recommended for trailer use.

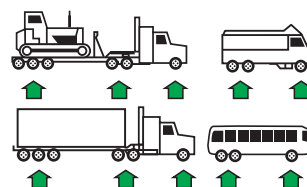


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
810280	TT	11.00R20	16	150/146
810400	TL	11R22.5	16	148/145
840230	TL	12R22.5	16	152/148

Bridgestone R187



All position highway and city service tyre.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
808480	TL	7.50R15	16	135/133
832030	TL	8.25R15	18	143/141
810040	TT	8.25R20	14	133/131
812010	TT	9.00R20	14	140/137
807000	TT	10.00R15	18	148/145
811590	TL	10.00R20	16	146/143

SELECTION KEY	
PERMISSIBLE	RECOMMENDED

Bridgestone R180



General purpose all position city and highway tyre.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
894110	TL	10R17.5	10	134/132
811560	TT	8.25R16	14	128/126
810990	TL	9R22.5	14	133/131

Bridgestone R184



All position tyre for both long haul and metro use.

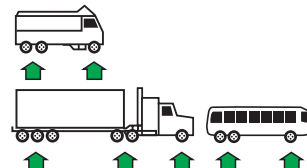


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
809810	TL	215/75R17.5	16	135/133
809770	TL	245/70R17.5	16	143/141
810870	TL	285/70R19.5	16	148/144

Bridgestone R185



All position tyre for highway and metro use.

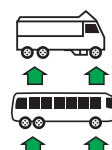


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
809870	TL	225/70R19.5		130/128

Bridgestone R220



Designed for both highway and metro use.

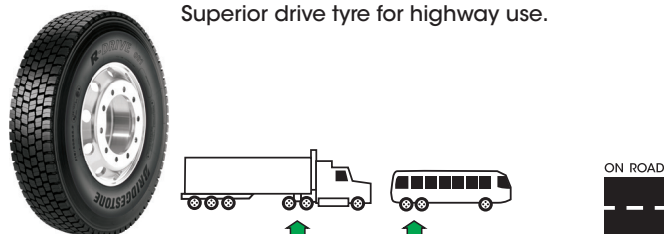


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
809380	TT	7.50R16	14	123/121

SELECTION KEY	
PERMISSIBLE	RECOMMENDED

Bridgestone R-DRIVE

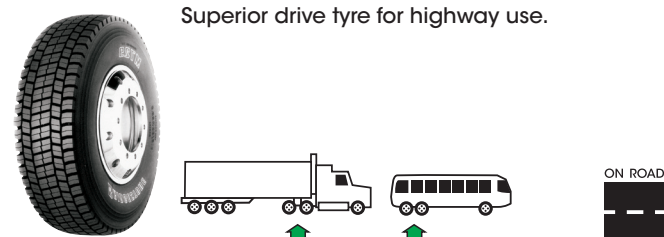
Superior drive tyre for highway use.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
128030	TL	315/80R22.5	18	156/150

Bridgestone M729

Superior drive tyre for highway use.

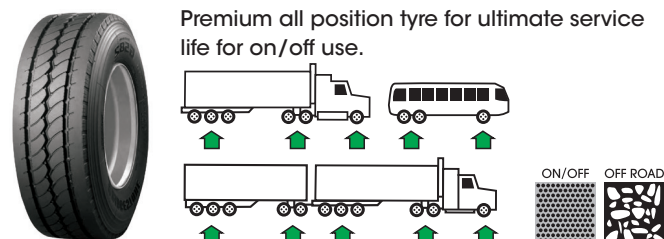


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
810445	TL	12R22.5	16	152/148
811910	TL	265/70R19.5	14	140/138
810590	TL	295/80R22.5	16	152/148

* Also available in retread.

Bridgestone G582

Premium all position tyre for ultimate service life for on/off use.

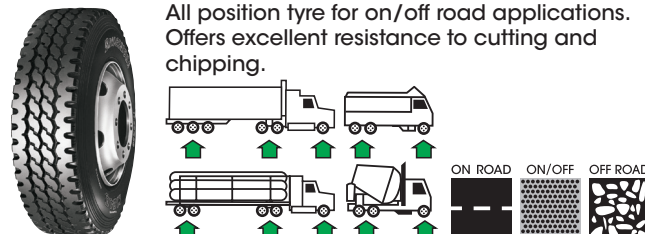


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
811670	TL	315/80R22.5	18	154/150

Also available in retread.

Bridgestone M840

All position tyre for on/off road applications. Offers excellent resistance to cutting and chipping.

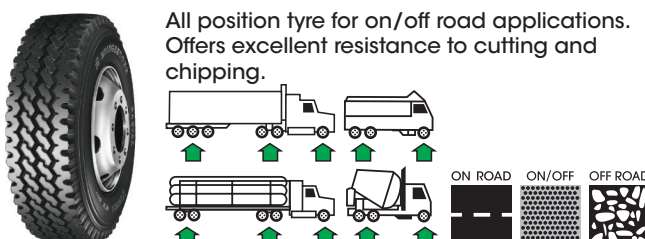


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
810120	TT	10.00R20	16	146/143
810240	TT	11.00R20	16	150/146
810265	TT	12.00R20	18	154/150
822750	TT	12.00R24	18	156/153
810000	TL	265/70R19.5	18	143/141
810415	TL	11R22.5	16	148/145
810460	TL	12R22.5	16	152/148
811270	TL	13R22.5	18	154/150
811660	TL	275/70R22.5	16	148/145
810595	TL	295/80R22.5	16	152/148
128020	TL	315/80R22.5	18	156/150

Also available in retread.

Bridgestone M857

All position tyre for on/off road applications. Offers excellent resistance to cutting and chipping.



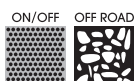
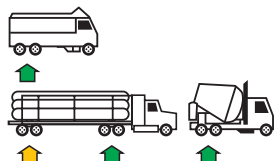
PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
809355	TT	7.50R16	8	114/112
810080	TT	9.00R20	14	140/137
810210	TL	10R22.5	14	140/137

SELECTION KEY	
PERMISSIBLE	RECOMMENDED

Bridgestone L301



Drive axle, on/off use in mining, construction and logging operations.

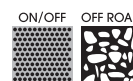
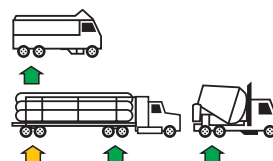


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
810410	TL	12R22.5	16	152/147

Bridgestone L355



Drive axle, on/off use in mining, construction and logging operations.



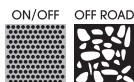
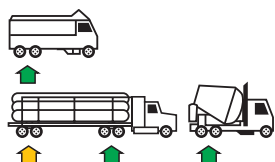
PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
810690	TL	315/80R22.5	18	154/150

Also available in retread.

Bridgestone L317



Drive axle, on/off use in mining, construction and logging operations.

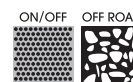
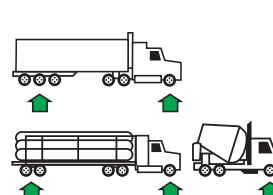


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
811540	TL	12R22.5	16	152/148

Bridgestone M748



Wide base tyre for on/off service.



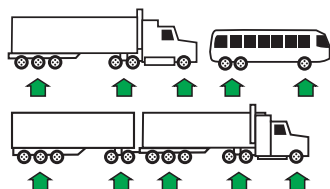
PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
810750	TL	385/65R22.5	18	160
840220	TL	425/65R22.5	20	165

SELECTION KEY	
PERMISSIBLE	RECOMMENDED

Firestone

Firestone FS404

Steer & trailer tyre for long and short haul.

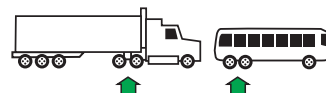


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
*126180	TL	12R22.5	16	152/148
126170	TL	315/80R22.5	18	154/150

*Coming soon

Firestone FD606

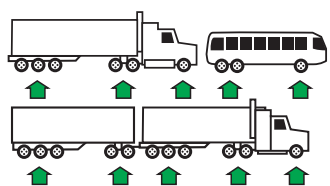
Superior drive tyre for long and short haul applications.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
126150	TL	12R22.5	16	152/148
126160	TL	315/80R22.5	18	154/150

Firestone FS400

Steer & trailer tyre for long and short haul.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
126110	TL	12R22.5	16	152/148

Firestone PSD3000

Wide base trailer tyre for city service and on partially paved roads.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
125020	TL	11R22.5	16	148/144

Firestone HP3000

All position tyre for general use.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
125015	TL	11R22.5	16	148/144

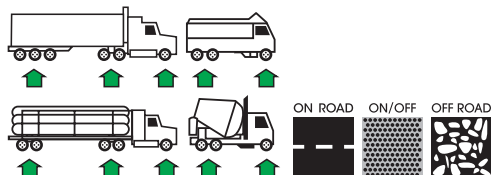
SELECTION KEY	
PERMISSIBLE	RECOMMENDED

Firestone

Firestone UT3000 SUPER SERIES



An aggressive tread pattern for all position fitment.

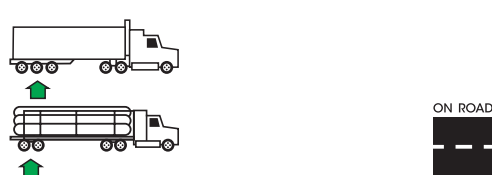


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
127020	TL	12R22.5	16	152/148
127030	TL	315/80R22.5	18	154/150

Firestone TSP3000 II



Wide base trailer tyre for long haul and regional use.

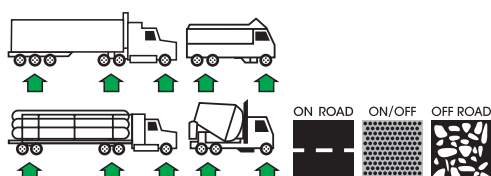


PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
811120	TL	385/65R22.5	18	160

Firestone UT2000



All position tyre for on/off road use.



PRODUCT CODE	TYPE	SIZE	PLY RATING	LOAD INDEX
125010	TL	11R22.5	16	148/144

SELECTION KEY	
PERMISSIBLE	RECOMMENDED

Speed Symbol

The speed symbol indicates the maximum speed at which the tyre can carry a load corresponding with its load index under service conditions specified by the tyre manufacturer.

SYMBOL	KM/H	SYMBOL	KM/H
B	50	J	100
C	60	K	110
D	65	L	120
E	70	M	130
F	80	N	140
G	90		

Tyre Service Descriptions

The service description of a tyre is the combination of its load indices and speed symbol, e.g. 315/80R 22.5 154/149M, where 154 equals a tyre load of 3750 kg in single fitment and 149 equals a tyre load of 3250 kg in dual fitment and M equals a maximum speed of 130 km/h at these loads.

Load Index

The load index is a numerical code associated with the maximum load a tyre can carry at the speed indicated by its speed symbol.

On truck tyres, two load indices are shown, giving the tyre load in single and dual fitment respectively, e.g. 154/149.



INDEX	kg	INDEX	kg	INDEX	kg	INDEX	kg
60	250	93	650	126	1700	159	4375
61	257	94	670	127	1750	160	4500
62	265	95	690	128	1800	161	4625
63	272	96	710	129	1850	162	4750
64	280	97	730	130	1900	163	4875
65	290	98	750	131	1950	164	5000
66	300	99	775	132	2000	165	5150
67	307	100	800	133	2060	166	5300
68	315	101	825	134	2120	167	5450
69	325	102	850	135	2180	168	5600
70	335	103	875	136	2240	169	5800
71	345	104	900	137	2300	170	6000
72	355	105	925	138	2360	171	6150
73	365	106	950	139	2430	172	6300
74	375	107	975	140	2500	173	6500
75	387	108	1000	141	2575	174	6700
76	400	109	1030	142	2650	175	6900
77	412	110	1060	143	2725	176	7100
78	425	111	1090	144	2800	177	7300
79	437	112	1120	145	2900	178	7500
80	450	113	1150	146	3000	179	7750
81	462	114	1180	147	3075	180	8000
82	475	115	1215	148	3150	181	8250
83	487	116	1250	149	3250	182	8500
84	500	117	1285	150	3350	183	8750
85	515	118	1320	151	3450	184	9000
86	530	119	1360	152	3550	185	9250
87	545	120	1400	153	3650	186	9500
88	560	121	1450	154	3750	187	9750
89	580	122	1500	155	3875	188	10000
90	600	123	1550	156	4000	189	10300
91	615	124	1600	157	4125		
92	630	125	1650	158	4250		

Warranty Policy for Products sold by Bridgestone South Africa

With regards to any "Bridgestone", "Firestone" and/or other brand tyres, and flaps for truck and bus, light truck, passenger cars, industrial and agricultural vehicles which tyres are sold to you by Bridgestone South Africa directly or indirectly through the authorized sales channels, Bridgestone South Africa warrants within five (5) years from the date of manufacture of each as follows:

1. An adjustment for tyre, tube and/or flap damage, the cause of which is proved to be attributed to manufacturing fault.
2. In assessing the damage, the final decision after investigation shall be made by our representatives or person authorised by Bridgestone South Africa.
3. The amount to be compensated will be calculated from the degree of wearing. In other words, the so called **"Remaining Tread Depth (=R.T.D.)"** measurements system is applied. The cost of mounting, balancing and others service charges are payable by the customers.
4. An adjustment involving any one of the following categories will not be compensated :
 - (1) Damage of tyres, tubes and flaps caused by improper use, mounting and storage.
 - (2) Tyres used beyond their original tread life (Tyres of which the tread wear indicator is exposed).
 - (3) Tyres that have been repaired, retreaded, been adjusted and tubes and/or flaps that have been repaired.
 - (4) Damage from misalignment, wheel imbalance, defective brakes or shock absorbers, improper inflation, overloading, oil, fuel or chemical action, fire, use of tyre chain, use for racing or other competition events, collision, running fault, wilful damage or abuse.
 - (5) Damage from road hazards.
 - (6) Any other damage caused by buyer's or user's acts or omission not in conformity with manufacture's specifications or instructions.

Bridgestone South Africa

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PO Box 36607, Chempet, 7442

Tel: (021) 555 8000, Fax: (021) 552 5409

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PO Box 515, Isando, 1600

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Port Elizabeth

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Bridgestone Commercial

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Bridgestone Retail

Cnr Isando & Quality Roads, Isando, 1600

PO Box 515, Isando, 1600

Tel: (011) 923 7500, Fax: (011) 974 1865