



— TRUCK, BUS AND VAN TYRES

DATA & REGROOVING BOOK 2022

BRIDGESTONE
Solutions for your journey



This manual has been prepared to help you obtain the maximum safety and value from Bridgestone tyres. While not completely comprehensive, it provides useful definitions, advice on proper selection and care, and lists the detailed specifications of a wide range of patterns and sizes. We hope that you will get the very most out of our high quality products.

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Due to the constant advance of tyre technology, the contents of this publication are subject to change without notice.

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TYRE APPLICATION CHART



HIGHWAY



VERSATILITY



LIGHT & MEDIUM TRUCKS



MILD ON/OFF ROAD

STEER

ECOPIA H-STEER 002
ECOPIA H-STEER 002 EVO
R249 Ecopia
R249II EVO Ecopia
R294

DURAVIS R-STEER 002
DURAVIS R-STEER 002 EVO
R297

R-STEER 002
M788 ²⁾

M-STEER 001

DRIVE

ECOPIA H-DRIVE 002
M749
GREATEC M709 Ecopia

DURAVIS R-DRIVE 002

R-DRIVE 002
M788 ²⁾

M-DRIVE 001

TRAILER

ECOPIA H-TRAILER 002 ¹⁾
R166II

DURAVIS R-TRAILER 002 ¹⁾
DURAVIS R-TRAILER 002 EVO ¹⁾
R166II R184
R179+ R187
R179 ¹⁾ R168 ¹⁾
R164 ¹⁾ R-TRAILER 001 ¹⁾ ²⁾
R180

M-TRAILER 001 PLUS

1) In the case of trucks, an FRT (Free Rolling Tyre) is a tyre which may only be fitted on trailer or tag axes and not on drive or front steer axes. Bridgestone recommends that truck tyres marked "FRT" (Free Rolling Tyre) only be fitted on trailer or tag axes and not on drive or front steer axes. Neither Bridgestone nor any of its affiliated entities may be held liable for any damage, loss or any other claim relating to an FRT-marked tyre which has been fitted in the drive or front steer position against Bridgestone's recommendation, unless such damage, loss or claim arises due to a fault of Bridgestone or its affiliated companies.

2) 17.5" and 19.5" sizes.



SEVERE ON/OFF ROAD



URBAN BUS



COACH



WINTER



VANS

M840
M840 EVO
M840 EXTRA
L317 EVO
L317 EXTRA

U-AP 002
U-AP 001
R192

COACH-AP 001

W958
W958 EVO
RW-STEER 001
RW-STEER 001 EVO

Summer

DURAVIS R660
DURAVIS R660ECO

M840
M840 EVO
M840 EXTRA
L355 EVO
L317 EVO
L317 EXTRA

U-AP 002
U-AP 001
R192
GREATEC R173

COACH-AP 001

NORDIC-DRIVE 001
RW-DRIVE 001
W990

All Season

DURAVIS All Season

M840
M840 EVO
M840 EXTRA
M748
M748 EVO
M844
L317 EVO

M852

Winter

BLIZZAK W810
BLIZZAK LM-32C
BLIZZAK W995
NORANZA Van 001

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HIGHWAY

Steer	ECOPIA H-STEER 002	26
	ECOPIA H-STEER 002 EVO	26
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	R294	29
Drive	Ecopia H-DRIVE 002	30
	M749	31
Trailer	GREATEC M709 Ecopia	32
	ECOPIA H-TRAILER 002	33
	R166II	34

VERSATILITY

Steer	DURAVIS R-STEER 002	36
	DURAVIS R-STEER 002 EVO	36
	R297	37
Drive	DURAVIS R-DRIVE 002	38
Trailer	DURAVIS R-TRAILER 002	39
	DURAVIS R-TRAILER 002 EVO	39
	R166II	40
	R179+	41
	R179	42
	R164	43
	R180	44
	R184	45

Application data

R187	46
R168	47
R-TRAILER 001 ¹⁾	48

LIGHT & MEDIUM TRUCKS

Steer	R-STEER 002 ¹⁾	50
	M788 ¹⁾	51
Drive	R-DRIVE 002 ¹⁾	52
	M788 ¹⁾	51

MILD ON/OFF ROAD

Steer	M-STEER 001	54
Drive	M-DRIVE 001	55
Trailer	M-TRAILER 001 PLUS	56

SEVERE ON/OFF ROAD

All position	M840 / M840 EVO / M840 EXTRA	58
	L317 EVO / L317 EXTRA	59
Drive	L355 EVO	60
Trailer	M748 / M748 EVO	61
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1) 17.5" and 19.5" sizes only.

Application data

URBAN BUS

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COACH

All position	COACH-AP 001	70
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WINTER

Steer	W958 / W958 EVO	72
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Trailer	M852	77

Application data

VANS

Summer	DURAVIS R660 / R660ECO	80
All Season	DURAVIS All Season	81
Winter	BLIZZAK W810	82
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	Noranza Van 001	85

GENERAL INFORMATION

1. TYRE SIDEWALL INFORMATION

1 Manufacturers name or brand

2 Pattern Name

3 Size information

385 = Tyre width in mm

65 = Aspect ratio (section height to section width) = 65%

4 Service Description

160 = Load index for single fitment

5 K = Speed index code letter

E = Tyre complies to ECE 54 Regulations

4 = Country in which approval was granted (4 = Netherlands)

6 Load Range in accordance with USA standard

7 DOT

8 Unique serial number (on the other side)

9 USA Load Rating & Max inflation pressure

10 Regroovable It is permitted for the tyre to be regrooved

11 Country of Origin

12 Safety Warning

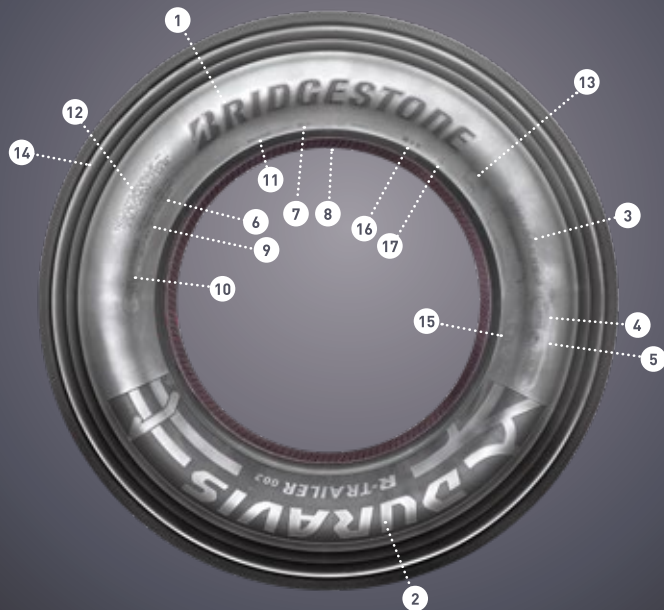
13 RFID

14 Tread wear indicator

15 FRT marking

16 M+S marking

17 Alpine marking



2. TYRE SIZE DESIGNATIONS

The tyre size designation marked on the tyre sidewalls includes dimensional and construction characteristics close to the service description which consists of one or two load index and a speed symbol.

ECE Regulation 54 permits the marking of an additional service description or sometimes known as the unique point on the tyre sidewall. This is located close to the principal service description as shown below:

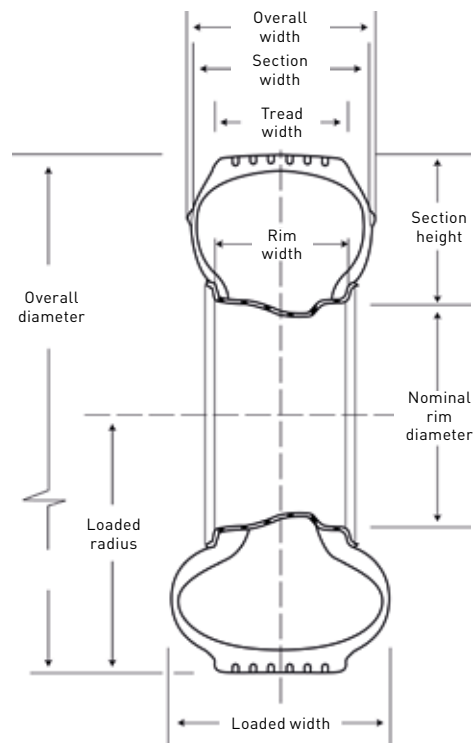
315/80 R 22.5 154/150 M



Example ¹⁾:

315	/	80	R	22.5	156/150	L
l		l	l	l	l	l
Nominal Section Width		Nominal Aspect Ratio	Construction Code	Nominal Rim Diameter Code	Load indices (Single/ Dual)	Speed Symbol

3. TYRE DIMENSIONS



¹⁾ Additional marking 'FRT' identifies tyres restricted to the equipment of non-driven axles, excluding motor vehicle front steering axles.

4. 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 under specified service conditions identified by the tyre manufacturer (up to and including 210 km/h).

4.1 Load index and carrying capacity

LI	Kg	LI	Kg	LI	Kg	LI	Kg
85	515	100	800	115	1,215	130	1,900
86	530	101	825	116	1,250	131	1,950
87	545	102	850	117	1,285	132	2,000
88	560	103	875	118	1,320	133	2,060
89	580	104	900	119	1,360	134	2,120
90	600	105	925	120	1,400	135	2,180
91	615	106	950	121	1,450	136	2,240
92	630	107	975	122	1,500	137	2,300
93	650	108	1,000	123	1,550	138	2,360
94	670	109	1,030	124	1,600	139	2,430
95	690	110	1,060	125	1,650	140	2,500
96	710	111	1,090	126	1,700	141	2,575
97	730	112	1,120	127	1,750	142	2,650
98	750	113	1,150	128	1,800	143	2,725
99	775	114	1,180	129	1,850	144	2,800

LI	Kg	LI	Kg	LI	Kg	LI	Kg
145	2,900	160	4,500	175	6,900	190	10,600
146	3,000	161	4,625	176	7,100	191	10,900
147	3,075	162	4,750	177	7,300	192	11,200
148	3,150	163	4,875	178	7,500	193	11,500
149	3,250	164	5,000	179	7,750	194	11,800
150	3,350	165	5,150	180	8,000	195	12,150
151	3,450	166	5,300	181	8,250	196	12,500
152	3,550	167	5,450	182	8,500	197	12,850
153	3,650	168	5,600	183	8,750	198	13,200
154	3,750	169	5,800	184	9,000	199	13,600
155	3,875	170	6,000	185	9,250		
156	4,000	171	6,150	186	9,500		
157	4,125	172	6,300	187	9,750		
158	4,250	173	6,500	188	10,000		
159	4,375	174	6,700	189	10,300		

4.2 Variation in load carrying capacity with speed and inflation pressure compensation

Speed (km/h)	VARIATION IN LOAD CARRYING CAPACITY (%)						Inflation Pressure compensation [%] ¹⁾
	Speed Symbol						
	F 80[50]	G 90[56]	J 100[62]	K 110[68]	L 120[75]	M 130[81]	
Static	+150.0	+150.0	+150.0	+150.0	+150.0	+150.0	+40
5	+110.0	+110.0	+110.0	+110.0	+110.0	+110.0	+40
10	+80.0	+80.0	+80.0	+80.0	+80.0	+80.0	+30
15	+65.0	+65.0	+65.0	+65.0	+65.0	+65.0	+25
20	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+21
25	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+17
30	+25.0	+25.0	+25.0	+25.0	+25.0	+25.0	+13
35	+19.0	+19.0	+19.0	+19.0	+19.0	+19.0	+11
40	+15.0	+15.0	+15.0	+15.0	+15.0	+15.0	+10
45	+13.0	+13.0	+13.0	+13.0	+13.0	+13.0	+9
50	+12.0	+12.0	+12.0	+12.0	+12.0	+12.0	+8
55	+11.0	+11.0	+11.0	+11.0	+11.0	+11.0	+7
60	+10.0	+10.0	+10.0	+10.0	+10.0	+10.0	+6
65	+7.5	+8.5	+8.5	+8.5	+8.5	+8.5	+4
70	+5.0	+7.0	+7.0	+7.0	+7.0	+7.0	+2
75	+2.5	+5.5	+5.5	+5.5	+5.5	+5.5	+1
80	0	+4.0	+4.0	+4.0	+4.0	+4.0	0
85		+2.0	+3.0	+3.0	+3.0	+3.0	0
90		0	+2.0	+2.0	+2.0	+2.0	0
95			+1.0	+1.0	+1.0	+1.0	0
100			0	0	0	0	0
110				0	0	0	0
120					0	0	0
130						0	0

1) Increments to be applied in the absence of any specific agreement with the tyre manufacturer.

Note:

1. The load carrying capacity of tyres in dual fitment is twice the load carrying capacity in single up to 40 km/h.
2. Bonus loads are not permitted for speed of 40km/h and above if the wheel axles are rigidly fixed to the body of the vehicle.
3. Bonus loads can not be applied to trailers and semi-trailers at speeds over 65 km/h.
4. A sign indicating the max speed must be attached to trailers restricted to speeds below 100 km/h.
5. Above compensations are not applicable to the additional service description known as unique point.

4.3 Variation in load carrying capacity with speed and inflation pressure compensation for Light Commercial Vehicles

Speed (km/h)	VARIATION IN LOAD CARRYING CAPACITY (%)									Inflation Pressure compensation [%] ¹⁾
	Speed Symbol									
	L	M	N	P	Q	R	S	T	H	
Static	+110.0	+110.0	+110.0	+110.0	+110.0	+110.0	+110.0	+110.0	+110.0	+40
5	+90.0	+90.0	+90.0	+90.0	+90.0	+90.0	+90.0	+90.0	+90.0	+35
10	+75.0	+75.0	+75.0	+75.0	+75.0	+75.0	+75.0	+75.0	+75.0	+35
15	+60.0	+60.0	+60.0	+60.0	+60.0	+60.0	+60.0	+60.0	+60.0	+30
20	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+30
25	+42.0	+42.0	+42.0	+42.0	+42.0	+42.0	+42.0	+42.0	+42.0	+30
30	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+30
35	+29.0	+29.0	+29.0	+29.0	+29.0	+29.0	+29.0	+29.0	+29.0	+30
40	+25.0	+25.0	+25.0	+25.0	+25.0	+25.0	+25.0	+25.0	+25.0	+28
45	+22.0	+22.0	+22.0	+22.0	+22.0	+22.0	+22.0	+22.0	+22.0	+25
50	+20.0	+20.0	+20.0	+20.0	+20.0	+20.0	+20.0	+20.0	+20.0	+22
55	+17.5	+17.5	+17.5	+17.5	+17.5	+17.5	+17.5	+17.5	+17.5	+18
60	+15.0	+15.0	+15.0	+15.0	+15.0	+15.0	+15.0	+15.0	+15.0	+15
65	+13.5	+13.5	+13.5	+13.5	+13.5	+13.5	+13.5	+13.5	+13.5	+15
70	+11.0	+11.0	+11.0	+11.0	+11.0	+11.0	+11.0	+11.0	+11.0	+14
75	+10.0	+10.0	+10.0	+10.0	+10.0	+10.0	+10.0	+10.0	+10.0	+12
80	+8.5	+8.5	+8.5	+8.5	+8.5	+8.5	+8.5	+8.5	+8.5	+10

Speed (km/h)	VARIATION IN LOAD CARRYING CAPACITY [%]									Inflation Pressure compensation [%] ¹⁾
	Speed Symbol									
	L	M	N	P	Q	R	S	T	H	
85	+7.5	+7.5	+7.5	+7.5	+7.5	+7.5	+7.5	+7.5	+7.5	+9
90	+6.5	+6.5	+6.5	+6.5	+6.5	+6.5	+6.5	+6.5	+6.5	+8
95	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+5.0	+6
100	+3.75	+3.75	+3.75	+3.75	+3.75	+3.75	+3.75	+3.75	+3.75	+4
110	+2.5	+2.5	+2.5	+2.5	+2.5	+2.5	+2.5	+2.5	+2.5	+2
115	+1.25	+1.25	+1.25	+1.25	+1.25	+1.25	+1.25	+1.25	+1.25	+1
120	0	0	0	0	0	0	0	0	0	0
130		0	0	0	0	0	0	0	0	0
140			0	0	0	0	0	0	0	0
150				0	0	0	0	0	0	0
160					0	0	0	0	0	0
170						0	0	0	0	+3.0
180							0	0	0	+5.0
190								0	0	+8.0
200									0	+11.0
210									0	+13.0

1) Increments to be applied in the absence of any specific agreement with the tyre manufacturer.

5. SPEED SYMBOL

The SPEED SYMBOL indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index under specified service conditions identified by the tyre manufacturer.

Speed Symbol	Speed (km/h)	Speed Symbol	Speed (km/h)	Speed Symbol	Speed (km/h)
B	50	J	100	Q	160
C	60	K	110	R	170
D	65	L	120	S	180
E	70	M	130	T	190
F	80	N	140	U	200
G	90	P	150	H	210

6. PRESSURE UNIT CONVERSION TABLE

kPa	bar	lb/in ² * (p.s.i.)	kg/cm ² *
100	1.0	15	1.0
150	1.5	22	1.5
200	2.0	29	2.0
250	2.5	36	2.6
300	3.0	44	3.1
350	3.5	51	3.6
400	4.0	58	4.1
450	4.5	65	4.6
500	5.0	73	5.1
550	5.5	80	5.6
600	6.0	87	6.1
650	6.5	94	6.6
700	7.0	102	7.1
750	7.5	109	7.7
800	8.0	116	8.2
850	8.5	123	8.7
900	9.0	131	9.2
950	9.5	138	9.7
1000	10.0	145	10.2
1050	10.5	152	10.7

* Value in p.s.i. and kg/cm² rounded to the nearest practical unit.

7. FRT (FREE ROLLING TYRE) MARKING

7.1 Definition

In the case of trucks, an FRT (Free Rolling Tyre) is a tyre which may only be fitted on trailer or tag axles and not on drive or front steer axles.

7.2 Claim policy

Bridgestone recommends that truck tyres marked "FRT" (Free Rolling Tyre) only be fitted on trailer or tag axles and not on drive or front steer axles.

Neither Bridgestone nor any of its affiliated entities may be held liable for any damage, loss or any other claim relating to an FRT-marked tyre which has been fitted in the drive or front steer position against Bridgestone's recommendation, unless such damage, loss or claim arises due to a fault of Bridgestone or its affiliated companies.

8. M+S, ALPINE MARKINGS AND RFID

8.1 M+S Marking Definition

Based on manufacturer's own statement, the M+S marking relates to the tyre's tread pattern, tread compound or structure providing better grip and braking performance in mud and fresh or melting snow.

ECE54 regulation

8.2 Alpine Marking Definition

All our tyres carrying the Alpine marking have passed a snow acceleration test in winter conditions as defined in the UNECE Regulation 117.02 and the UNECE 109 which makes them suitable for winter use on snowy or icy roads.

8.3 Radio Frequency Identification (RFID) Definition

The RFID tag, embedded into the tyre, contains the unique identity of the tyre which is transmitted by radio frequency to an RFID reader. This enables reliable logistics tracking, traceability, tyre history and retread logistics.

9. TYRE SELECTION

9.1 General

Replacement tyres must be suitable for the type of vehicles and the operating conditions to which they will be applied. The applications may vary depending on the type of service, route, load, speed, etc...

9.2 Mixing radial and Bias tyres

- 1) *Never mix different tyre sizes or tyre constructions on the same axle.*
- 2) *Trucks with two axles: if the vehicle is equipped with dual rear tyres or with wide base single tyres, radial or bias ply tyres may be used on the front axle, the rear axle, or on both axles. If the vehicle is equipped with single tyres in all positions, then radial tyres should not be used on the front axle unless they are also used on the rear axle. They may however be used on the rear axle only. For four-wheel drive vehicles, all tyres must be of the same construction, either bias or radial.*
- 3) *Trucks with more than two axles: the front tyres may be either bias or radial and can be run with either bias or radial tyres on the drive axles. The tyres on the rear axles should be either all bias or all radial. If a vehicle has multiple drive axles, then all tyres on those positions must be either all bias or all radial.*
- 4) *Trailers: single axle trailers may use either bias or radial tyres. Multiple axle trailers may use radial and bias tyres on all axles or may be intermixed so long as all tyres mounted on the same axle are of the same construction.*

9.3 Application guide

See our application guide for optimal performance of your Bridgestone tyre.

10. CARE AND MAINTENANCE

10.1 Mounting and demounting

10.1.1 General

Tyre changing can be dangerous and should be done by trained personnel using proper tools and procedures.

10.1.2 Deflation and disassembly

- 1) *Always check the tyre/rim assembly for proper component seating prior to removing it from the vehicle.*
- 2) *Always deflate tyres completely by taking off the valve core before removing the tyre and rim assembly from the vehicle or the disassembly of components.*
- 3) *Always remove the valve core and core housing and deflate the tyre completely before servicing.*
- 4) *Never lean, stand or reach over the tyre/rim assembly during tyre deflation.*
- 5) *Never attempt to unseat beads of an inflated tyre.*
- 6) *Never hit the tyre or rim with a hammer.*
- 7) *Always follow the mounting and demounting procedures recommended by the RMA (Rubber Manufacturers Association) or ETRTO Road Safety Data Book.*

10.1.3 Assembly and inflation

- 1) *Always inspect the inside of the tyre for loose cords, cuts, penetrating objects, or other casing damage.*
- 2) *Always inspect the inside of the tyre for dirt, liquid or foreign materials and remove them before installing a tube.*
- 3) *Never install a buckled or creased tube.*
- 4) *Always use new tubes and flaps in new tyres.*
- 5) *Never use a tube that is larger or smaller than that specified by Bridgestone for a given tyre.*
- 6) *Always check to be sure that the tube is clean before installation.*
- 7) *Use only lubricants that are approved for tyre mounting. Never use anti-freeze, silicones or petroleum-base lubricants.*
- 8) *Never hit the tyre or rim with a hammer.*
- 9) *Always be sure that the rim components are properly seated before inflating.*
- 10) *Never exceed 3 p.s.i. [0.2 bar] inflation without placing the tyre/rim assembly in a safety cage or other equivalent restraining device.*
- 11) *Always use a safety cage or other equivalent restraining device when inflating the tyre to seat the beads and/or inflating the tyre to normal operating inflation pressure.*
- 12) *Always use an extension hose with a gauge and clip-on chuck to allow the operator to stand aside during inflation.*
- 13) *Never attempt to seat rings while the tyre is totally or partially inflated.*

- 14) *Never re-inflate or add inflation pressure to a flat or seriously underinflated tyre without removing and checking the tyre, tube and rim for damage.*
- 15) *Seriously inspect valve cores for proper air retention. Replace damaged or leaky cores.*
- 16) *Always inflate tyres to Bridgestone's recommended cold operating pressure.*
- 17) *Always use radial tubes and flaps when mounting radial tyres.*

10.2 Wheels and Rims

- 1) *Always select the proper tyre size and construction to match the manufacturer's rim or wheel rating and size.*
- 2) *Always check the rim diameter to be sure that it matches exactly the rim diameter specification molded on the tyre sidewall.*
- 3) *Never mount or use a damaged rim.*
- 4) *Always inspect and clean the rim.*
- 5) *Never rework, weld, heat or braze the rim.*
- 6) *Always be sure that rim components are properly coordinated.*
- 7) *Never use a rim/wheel component which cannot be identified.*
- 8) *Always use approved tyre rims when mounting.*

10.3 Inflation Pressure

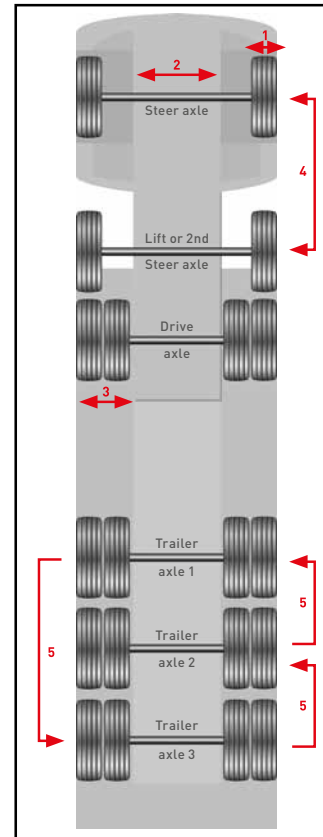
- 1) *Most tyre damage is due to incorrect inflation pressure. Truck and bus tyres must be inflated according to the load they carry.*

- 2) Check tyre pressure at least every two weeks using a reliable pressure gauge.
- 3) Tyre pressure checks should be made on cold tyres.
- 4) The sealing valve cap acts as a supplementary air seal and should be secured at all times.
- 5) Inflation pressure may increase as high as 20% (10 to 15 p.s.i.) during operation, which is allowed for in the tyre design. Therefore, never adjust the inflation pressure when the tyre is warm; it will return to normal as the tyre cools.
- 6) Avoid running the vehicle with under-inflated or flat tyres.
- 7) A warm tyre is under-inflated if it has less than the recommended cold inflation pressure.
- 8) Incorrect inflation pressure causes irregular tread wear. Bridgestone recommends the following in order to minimise irregular wearing:
 - 1) Always inflate tyres according to recommended cold pressures.
 - 2) When severe irregular wearing occurs under correct inflation pressure, please consult a Bridgestone technical representative or the Technical Service Section at the Bridgestone Head Office.

10.4 Tyre Rotation

10.4.1 General

Tyre Rotation is a practical means of reducing tyre costs. Rotation can smooth out irregular tyre wear and extend tread life.



1. **Turn the tyre on the rim, whilst it remains in the same vehicle position**
It counteracts one-sided shoulder wear and it is also beneficial in applications where the tyre is susceptible to higher amounts of sidewall wear or abrasions.
N.B.: The reason for irregular wear should be checked.
2. **Swap wheel right to left on the same axle**
Equalizes the effect of different wear rates due to road characteristics such as camber or sidewall abrasions from kerbs in vehicles used in predominantly urban applications.
3. **Swap wheels outside and inside**
It equalizes wear between dual tyres and brings the outer sidewall to the inside.
4. **Change from one axle to another**
Maximizes tyre life between 1st and 2nd axles for 6 X 2 vehicles where there are differences in cornering forces lead to higher wear rates at the steer axle.
5. **Re-position trailer tyre 1st axle to 3rd axle, 3rd to 2nd and 2nd to 1st axle**
Maximises life and resistance to irregular wear across all trailer axles.

10.5 Damage

- 1) *Ignoring tyre damage is dangerous.*
- 2) *Repair tyre damage as soon as possible in order to avoid further deterioration of the tyre structure.*

10.6 Minimum tread depth

Bridgestone recommends removing a tyre at 3mm of remaining tread depth (RTD). However different minimum legal remaining tread depths are set in different countries, so each country should follow local regulations as well as fleet's specifications (or signed agreement) to agree on end of life removal.

10.7 Regrooving

Regrooving beyond the original pattern depth is permitted provided there is sufficient rubber left to protect the tyre casing. Before regrooving a tyre, check that the word "REGROOVABLE" is molded on the sidewall.

Note: For further information, please consult a Bridgestone technical representative or the Technical Service Section at the Bridgestone Head Office.

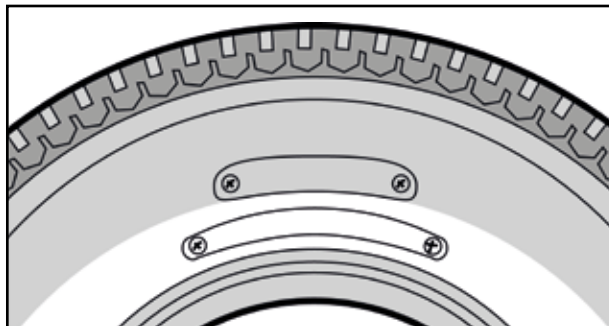
10.8 Repair and Retreading

Bridgestone casings can be repaired and/or retreaded. Always have a specialist carefully examine the casing to determine its retreadability. Bridgestone recommends the Bandag retreading process.

10.9 Branding

The location for branding a tyre must be chosen carefully because of the thin sidewall gauge.

- 1) *Branding between the rim line and the size-panel line in the white area shown in the following picture is the most advisable location.*
- 2) *Allowed depth of branding on the above mentioned location is 0.5 mm maximum.*
- 3) *For radial ply tyres, never brand on the sidewalls critical flexing areas, which are near the maximum section width.*



11. TYPES OF VALVES

10.10 Storage

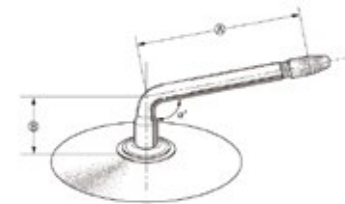
- 1) For prolonged storage of tyres, note the following:
 - 1) Never store tyres in direct sunlight or near heat sources.
Keep tyres away from motors and generators which yield ozone.
 - 2) Keep tyres away from oils and chemicals.
- 2) To prevent permanent deformation of tyres when stacking horizontally, limit each stack to a maximum of approx. 1.5 m.
- 3) For all-steel radial tyres, excessive moisture permeation may cause deterioration of the tyre structure and possibly cause tyre failure.
Bridgestone recommends the following methods:
 - 1) Store unmounted tyres indoors in a dry location away from moisture.
 - 2) Before mounting a tyre on a rim or a wheel, be sure that the tyre's inside surface, tube flap and the inside surface of the rim or wheel are dry and clean.
 - 3) Keep compressed air sources for tyre inflation free of moisture.

Screw-On Universal Valves

11.1 Screw on valve

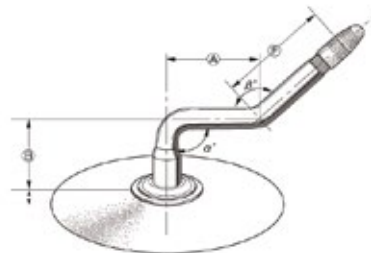
11.1.1 Single bend screw-on universal valves

Valves No.	Dimensions (mm)		
	A	B	α°
V3-02-2	43	22.5	120
V3-02-3	44.5	33	95
V3-02-5	47.5	20.5	90
V3-02-7	71.5	22.5	100
V3-02-8	89.5	20.5	94
V3-02-9	99.5	20.5	94
V3-02-10	115	20.5	94
V3-02-11	126	20	98
V3-02-12	132	20.5	94
V3-02-13	133.5	20.5	90
V3-02-14	138.5	20.5	94
V3-02-15	145.5	20.5	94
V3-02-16	149.5	20.5	90
V3-02-17	156.5	20.5	90
V3-02-18	74.5	22.5	90
V3-02-19	60	20.5	94
V3-02-23	66.5	29.5	90
V3-02-24	117	20.5	90
V3-02-27	75	20.0	94



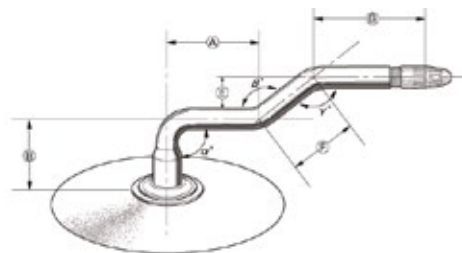
11.1.2 Double bend screw-on universal valves

Valves No.	Dimensions (mm)				
	A	B	F	α°	β°
V3-04-1	32	20.5	37	90	138
V3-04-2	38	20.5	41.5	90	153
V3-04-3	59	20	38.5	94	163
V3-04-4	74	20	40	94	144
V3-04-5	76	20	47.5	90	153
V3-04-6	86	20	47.5	90	153
V3-04-10	47	20.5	53	90	154
V3-04-11	47	20.5	63.5	90	154
V3-04-17	65	20	45	90	160
V3-04-24	58	20	47	94	164
V3-04-26	99	20	42	99	189



11.1.3 Triple bend screw-on universal valves

Valves No.	Dimensions (mm)							
	A	B	E	F	G	α°	β°	γ°
V3-06-1	30.5	20.5	17	19.5	35.5	90	139	139
V3-06-2	44.5	20.5	17	12	37.5	90	125	125
V3-06-3	46	20.5	17	20.5	47.5	90	140	140
V3-06-5	62.5	20.5	17	19.5	49	90	139	139
V3-06-6	79.5	20	17	19.5	37.5	90	139	139
V3-06-7	45.5	20.5	17	18.5	42.5	90	137	137
V3-06-8	61.5	24.5	7.5	14.5	50.5	94	153	153
V3-06-9	67.5	20.5	17	19.5	54.5	90	139	139
V3-06-12	71.5	23.5	11.5	19.5	25.5	90	150	150
V3-06-14	50	20	7	13	40	94	153	153
V3-06-15	60	20	7	13	40	94	153	153
V3-06-16	62	20	7	13	50	94	153	153
V3-06-17	75	20	7	13	50	94	153	153



12. DUAL SPACING & RIM WIDTHS

12.1 Recommended minimum dual spacing sizes on 5° tapered or Flat-Base Rims

Dual spacing specifies the distance between the centre lines of tyres in dual fitment.

NOMINAL TYRE SECTION	RIM WIDTH CODE	RECOMMENDED MINIMUM DUAL SPACING (MM)
9.00	6.00	285
	6.50	291
	7.00	297
	7.50	302
10.00	6.50	305
	7.00	311
	7.33	314
	7.50	316
	8.00	322
11.00	7.33	321
	7.50	323
	8.00	329
	8.50	335
	9.00	340

NOMINAL TYRE SECTION	RIM WIDTH CODE	RECOMMENDED MINIMUM DUAL SPACING (MM)
12.00	7.33	346
	8.00	354(+)
	8.50	360
	9.00	366
14.00	9.00	414
	10.00	426
325	8.50	368
	9.00	374
	10.00	386
335	8.50	377
	9.00	383
	10.00	394
385	9.00	424
	10.00	436

+344 mm may be allowed for some tyres in certain countries.

The above values are for normal highway service and do not necessarily apply to new tyre developments. Tyre manufacturers should be consulted in special cases. No changes are intended for wheels already standardised in various countries. If chains are used on one tyre, dual spacing must be increased accordingly.

12.2 Recommended minimum dual spacing sizes on 15° drop-centre Rims

Dual spacing specifies the distance between the centre lines of tyres in dual fitment.

NOMINAL TYRE SECTION	RIM WIDTH CODE	RECOMMENDED MINIMUM DUAL SPACING (MM)
"60" Metric Series		
285/60	8.25	313
	9.00	321
295/60	9.00	329
	9.75	338
305/60	9.00	336
	9.75	344
315/60	9.00	344
	9.75	352
"70" - "75" and "80" Metric Series		
205	5.25	222
	6.00	231
	6.75	239
215	6.00	239
	6.75	246
225	6.00	246
	6.75	254
235	6.75	262
	7.50	271

NOMINAL TYRE SECTION	RIM WIDTH CODE	RECOMMENDED MINIMUM DUAL SPACING (MM)
245	6.75	270
	7.50	279
255	6.75	278
	7.50	287
	8.25	295
265	6.75	286
	7.50	295
	8.25	303
275	7.50	303
	8.25	311
285	7.50	311
	8.25	318
	9.00	327
295	8.25	326
	9.00	335
305	8.25	334
	9.00	343
315	9.00	351
	9.75	360

12.3 Recommended minimum dual spacing free rolling sizes

Dual spacing specifies the distance between the centre lines of tyres in dual fitment.

NOMINAL TYRE SECTION	RIM WIDTH CODE	RECOMMENDED MINIMUM DUAL SPACING (MM)
Normal Section Sizes		
8	6.00	234
	6.75	243
8.5	5.25	233
	6.00	242
	6.75	251
9	6.00	250
	6.75	259
9.5	6.00	261
	6.75	270
10	6.75	277
	7.50	286
11	7.50	305
	8.25	314
12	8.25	329
	9.00	338
13	9.00	351
	9.75	360

NOMINAL TYRE SECTION	RIM WIDTH CODE	RECOMMENDED MINIMUM DUAL SPACING (MM)
9.5 R 17.5	6.00	261
	6.75	270
10 R 17.5	6.75	277
	7.50	286
205/65 R 17.5	6.00	231
	6.75	239
245/70 R 17.5 & 245/70 R 19.5	6.75	270
	7.50	279
265/70 R 19.5	7.50	295
	8.25	303
285/70 R 19.5	8.25	318
	9.00	327
215/75 R 17.5	6.00	239
	6.75	246
235/75 R 17.5	6.75	262
	7.50	271

TECHNOLOGY GUIDE

FEATURES	FUNCTION	BENEFIT
 DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, DURAVIS R-DRIVE 002, DURAVIS R-TRAILER 002, DURAVIS R-TRAILER 002 EVO, COACH-AP 001, U-AP 002	Blocks interlocking and deformation reduction.	Wear-up and irregular wear decrease.
 NORDIC-DRIVE 001, W990	Increases the number of biting edges of each block.	High traction & braking on wet and frozen surfaces.
 M788, RW-DRIVE 001, R-DRIVE 002, NORDIC-DRIVE 001, W990	Reduces the likelihood of heel and toe wear through even force distribution in the tread blocks.	Less heel and toe wear means longer wear life. Reduces the need to turn the tyres to even the wear and therefore reduces tyre maintenance costs. Quiet running with less heel and toe wear.
 COACH-AP 001	Carcass temperature control.	Lower running service temperature.
 M749, M788, R166II, R227, R249 Ecopia, R249II EVO Ecopia, DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, DURAVIS R-DRIVE 002, COACH-AP 001, RW-STEER 001, RW-STEER 001 EVO, DURAVIS R-TRAILER 002, DURAVIS R-TRAILER 002 EVO, R-STEER 002	C.T.D.M. optimises the casing contour for various performance factors.	Improved handling. Improved retreadability. Improved irregular wear. Improved wear life. Lower fuel consumption.
 M788, R166II, R297, DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, COACH-AP 001, RW-STEER 001, RW-STEER 001 EVO	Improves wet/winter performance as well as reducing stone retention.	Excellent handling. Improved casing value.
 M788, R166II, R249 Ecopia, R249II EVO Ecopia	Combats the likelihood of river wear and other irregular wear types occurring on the tyres' inner ribs.	Improved wear life through reduced irregular wear.
 R249 Ecopia², RW-STEER 001, RW-STEER 001 EVO	Combat irregular wear creation by further reduction of stress and strain at the belt edges.	Improved wear life through reduced irregular wear (technology applied in low profile sizes).
 ECOPIA H-STEER 002, M749, M788, R166II, R249 Ecopia, R297, R249II EVO Ecopia, R-STEER 002, COACH-AP 001, RW-STEER 001, RW-STEER 001 EVO, U-AP 002, W990	Reduces noise.	Driver's comfort. Help to meet severest noise regulation standards.
 ECOPIA H-DRIVE 002, GREATEC M709 Ecopia, ECOPIA H-STEER 002, ECOPIA H-TRAILER 002, DURAVIS R-DRIVE 002	Reduces wear energy. Better control of the block movements.	Increased mileage. Reduced fuel consumption.
 NORDIC-DRIVE 001	Porous surface allows water to flow into tyre surface and keep rubber in firm contact with the ice.	Improved snow & ice traction.
 ECOPIA H-DRIVE 002, ECOPIA H-STEER 002, ECOPIA H-TRAILER 002, GREATEC M709 Ecopia, R249II EVO Ecopia, ECOPIA H-TRAILER 002, DURAVIS R-DRIVE 002, DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, DURAVIS R-TRAILER 002, R-TRAILER 001, DURAVIS R-TRAILER 002 EVO, COACH-AP 001	Reduces energy loss in the top compound during rotation.	Reduced fuel consumption. Similar durability and abrasion as previous compound.

FEATURES	FUNCTION	BENEFIT
 R166II, GREATEC R173	R-Bead reduces stress in the bead area and therefore enhances casing durability.	Longer casing life. Higher retreadability and casing value.
 M788¹, R192, R227, U-AP 001, W958, R-STEER 002, R-DRIVE 002, U-AP 002	Protects casing against sidewall damage from kerbs and other road hazards.	Longer casing life. Higher retreadability and casing value.
 ECOPIA H-DRIVE 002, ECOPIA H-TRAILER 002, M-DRIVE 001, M-STEER 001, M-TRAILER 001 PLUS, R-STEER 002, R-DRIVE 002, DURAVIS R-TRAILER 002, DURAVIS R-TRAILER 002 EVO, R179+	Reduced bead filler volume and tyre weight (~1,5 Kg) without compromising the tyre durability.	Fuel savings.
 R297, R-STEER 002, DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, COACH-AP 001	Reduces irregular wear. Stable cornering behaviour.	Longer tyre life.
 ECOPIA H-STEER 002, M-STEER 001, M852, M-TRAILER 001 PLUS, M748, R166II, R249 Ecopia, R249II EVO Ecopia, R294, R297, R-STEER 002, RW-STEER 001, RW-STEER 001 EVO	Eject stones from the ribs.	Reduction in stone drilling. Improved casing retreadability and value.
 ECOPIA H-DRIVE 002, M-DRIVE 001, M749, M-TRAILER 001 PLUS, W958, R-DRIVE 002, RW-DRIVE 001, DURAVIS R-DRIVE 002, M852	The tie-bars between the tread blocks in the shoulder area increases circumferential stiffness.	The increased stiffness minimises heel and toe wear which leads to a longer service life, reduction of the need to turn the tyres to even the wear and reduction of tyre maintenance costs. Quiet running with less heel and toe wear.
 DURAVIS R-STEER 002, GREATEC M709 Ecopia, R249II EVO Ecopia, ECOPIA H-STEER 002	Moves the cord end away from the high stress area at the casing by wrapping it around the bead itself.	Improved bead durability and therefore casing retreadability and value.
 M-DRIVE 001, GREATEC M709 Ecopia, M749, R227, R-DRIVE 002, DURAVIS R-DRIVE 002	Disperses water quickly away from the centre of the tyre and into the main grooves allowing a full footprint in wet conditions.	High level of wet handling and braking for improved ride comfort and safety.
 M788, R192, R297, R297 EVO, U-AP 001, DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, COACH-AP 001, RW-STEER 001, RW-STEER 001 EVO	The Variable Depth Sipes give a higher density of siping in the tread.	High traction for improved wet performance, especially braking. Solid ribs means high level of handling performance.
 M788, R-STEER 002, DURAVIS R-STEER 002, DURAVIS R-STEER 002 EVO, DURAVIS R-DRIVE 002, COACH-AP 001, RW-STEER 001, RW-STEER 001 EVO, U-AP 002	Reduces the noise generated by a regular pattern spacing. The overall noise level is reduced by spreading the frequency range.	Noise level reduced both externally and internally to the vehicle. Comfort improved, especially in bus & coaches.
 ECOPIA H-STEER 002, DURAVIS R-STEER 002, DURAVIS R-TRAILER 002, GREATEC M709 Ecopia, M7492, R166II, GREATEC R173, R249 Ecopia2, R249II EVO Ecopia, ECOPIA H-TRAILER 002	Increases casing stability and durability.	Higher load capability. Higher casing retreadability and value.

¹ 17.5" and 19.5" sizes only.

² 60 & 55 series only.



HIGHWAY

Bridgestone highway tyres help reducing fuel consumption and carbon emissions - without compromising tyre performance levels.

HIGHWAY STEER

ECOPIA H-STEER 002 | ECOPIA H-STEER 002 EVO



- Low deformation pattern and NanoPro-Tech™ compound for best in class fuel efficiency.
- Top rated wet grip ¹⁾ thanks to high effective contact area.
- Winter compliant with 3PMSF and M+S markings.
- Robust casing for longer tyre life and great retreadability.
- Equipped with unique RFID technology to identify the tyres.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
ECOPIA H-STEER 002															
295/80 R 22.5	154/149	M	306	1046	487	3179	9.00	8.25	B	B	A	71	✓	✓	✓
315/80 R 22.5	156/150	L	314	1069	497	3251	9.00	9.75	B	B	A	69	✓	✓	✓
	154/150	M													
315/70 R 22.5	156/150	L	313	1009	466	3067	9.00	9.75	A	B	A	68	✓	✓	✓
	154/150	M													
385/65 R 22.5	160	K	376	1073	496	3261	11.75	12.25	A	B	B	72	✓	✓	✓
	158	L													
315/60 R 22.5	154/148	L	322	955	447	2903	9.75	9.00	B	B	B	72	✓	✓	✓
385/55 R 22.5	160	K	386	995	464	3024	12.25	11.75	A	B	A	71	✓	✓	✓
	158	L													
355/50 R 22.5	156	L	381	928	435	2821	11.75	-	C	B	A	70	✓	✓	✓
ECOPIA H-STEER 002 EVO															
385/65 R 22.5	164	K	381	1072	496	3258	11.75	12.25	A	B	B	72	✓	✓	✓
	158	L													



1) B-B-B COMBINATION ON STEER, DRIVE, TRAILER of EU label grades in sizes 315/70R22.5 and 385/55R22.5.

HIGHWAY STEER

R249 Ecopia

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	
275/70 R 22.5	148/145	M	275	961	446	2921	8.25	7.50	C	C	B	72	✓	✓
305/70 R 22.5	150/148	M	303	994	460	3021	9.00	8.25	D	C	A	69	✓	
	152/148	L												
295/60 R 22.5	150/147	L	299	929	436	2824	9.00	9.75	D	C	A	70	✓	✓



- Fuel efficient steer tyre.
- No compromise on durability, irregular wear resistance and wet performance.



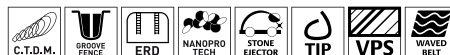
HIGHWAY STEER

R249II EVO Ecopia



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
355/50 R 22.5	156	L	355	935	438	2842	11.75	-	D	C	B	71	✓	✓

- Higher load capacity than R249 STEER sizes developed in the frame of EURO VI introduction.
- Advanced tread design and NanoPro-Tech™ compound technologies for great fuel savings.



HIGHWAY STEER

R294

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S 	
255/70 R 22.5	140/137	M	252	930	438	2827	7.50	6.75/8.25	D	C	A	70	✓	✓
	140/140	L												



- Steer axle tyre for highway use.



HIGHWAY DRIVE

ECOPIA H-DRIVE 002



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
295/80 R 22.5	152/148	M	305	1046	488	3181	9.00	8.25	B	B	A	72	✓	✓	✓
315/80 R 22.5	156/150	L	314	1075	500	3267	9.00	9.75	A	B	A	70	✓	✓	✓
	154/150	M													
315/70 R 22.5	154/150	L	314	1023	472	3110	9.00	9.75	A	B	A	72	✓	✓	✓
	152/148	M													
295/60 R 22.5	150/147	L	299	928	435	2821	9.00	9.75	B	C	B	75	✓	✓	✓
315/60 R 22.5	152/148	L	319	960	449	2918	9.75	9.00	B	B	B	75	✓	✓	✓

- Low deformation pattern and NanoPro-Tech™ compound for best in class fuel efficiency.
- Excellent traction thanks to new compound with high silica content.
- Top rated wet grip ¹⁾ thanks to high effective contact area.
- Robust casing for longer tyre life and great retreadability.
- Equipped with unique RFID technology to identify the tyres.



1) B-B-B COMBINATION ON STEER, DRIVE, TRAILER of EU label grades in sizes 315/70R22.5 and 385/55R22.5.

HIGHWAY DRIVE

M749

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	
315/45 R 22.5	147/145	L	307	852	395	2592	9.75	-	E	D	B	76	✓	✓



- Fuel efficient drive tyre.
- No compromise on durability, irregular wear resistance and wet performance.
- Excellent traction and wet weather handling.



HIGHWAY DRIVE

GREATEC M709 Ecopia



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
495/45 R 22.5	169	M	506	1023	475	3110	17.00	16.00	C	D	B	73	✓	✓

- Ultra low-profile fuel efficient single drive tyre.
- Low Energy Pattern technology for low rolling resistance.
- Increased ¹⁾ vehicle payload capacity.



1) Compared to Bridgestone dual fitment.

HIGHWAY TRAILER

ECOPIA H-TRAILER 002

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (inch) Measuring	Rim (inch) Optional				dB	M+S		
445/45 R 19.5 ¹⁾	160	J	354	906	420	2754	15.00	14.00	B	A	B	72	✓	✓	
385/65 R 22.5 ¹⁾	160	K	379	1078	498	3277	11.75	12.25	A	B	A	68	✓	✓	✓
	158	L													
385/55 R 22.5 ¹⁾	160	K	391	997	464	3031	12.25	11.75	A	B	A	68	✓	✓	✓
	158	L													



- 1) FRT marked tyre.
2) B-B-B COMBINATION ON STEER, DRIVE, TRAILER of EU label grades in sizes 315/70R22.5 and 385/55R22.5.



- Low deformation pattern and NanoPro-Tech™ compound for best in class fuel efficiency.
- Top rated wet grip ²⁾ thanks to increased contact area and excellent water evacuation.
- Winter compliant with 3PMSF and M+S markings.
- Robust casing for longer tyre life and great retreadability.
- Equipped with unique RFID technology to identify the tyres.



HIGHWAY TRAILER

R166II



- Low profile, single fitment tyre for wide base mega trailers.
- Superior durability over long distance highway use.
- Low noise tread design with innovative groove fence.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
435/50 R 19.5	160	J	448	928	429	2821	14.00	15.00	D	C	B	73	✓	✓





VERSATILITY

Versatile multipurpose tyres for usage in a wide range of applications, integrating state-of-the-art technologies for outstanding mileage, road grip and durable casing. These tyres are built to excel in the rough and ready world of regional/national transportation.

VERSATILITY STEER

DURAVIS R-STEER 002 DURAVIS R-STEER 002 EVO

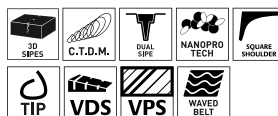


- Low deformation pattern design for high cornering power.
- Best-in-class wet grip ¹⁾ thanks to optimised contact pressure and enhanced water ejection.
- Optimised fuel efficiency ²⁾ thanks to high performing compound and high compression stiffness.
- Equipped with unique RFID technology to identify the tyres.
- Robust casing for longer tyre life and great retreadability.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
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DURAVIS R-STEER 002															
295/80 R 22.5	154/149	M	305	1051	490	3195	9.00	8.25	B	B	A	70	✓	✓	✓
315/80 R 22.5	156/150	L	314	1077	500	3272	9.00	9.75	B	A	A	71	✓	✓	✓
	154/150	M													
315/70 R 22.5	156/150	L	313	1017	469	3091	9.00	9.75	B	B	A	71	✓	✓	✓
	154/150	M													
385/65 R 22.5	160	K	376	1076	497	3269	11.75	12.25	B	B	A	69	✓	✓	✓
	158	L													
315/60 R 22.5	154/148	L	322	957	448	2910	9.75	9.00	C	B	A	70	✓	✓	✓
385/55 R 22.5	160	K	381	1001	466	3041	12.25	11.75	B	B	B	72	✓	✓	✓
	158	L													

DURAVIS R-STEER 002 EVO															
385/65 R 22.5	164	K	381	1076	498	3271	11.75	12.25	B	B	A	71	✓	✓	✓
	158	L													



- 1) An EU label grade "A" in steer (size: 315/80r22.5)
- 2) Features B-C-B combination in steer, drive and trailer EU label in sizes 315/80r22.5 steer & drive and 385/65r22.5 in trailer.

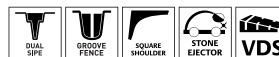
VERSATILITY STEER

R297

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S 	
12 R 22.5	152/148	L	292	1086	504	3301	9.00	8.25	D	B	B	72	✓	✓
275/70 R 22.5	148/145	K	275	966	448	2936	8.25	7.50	D	C	B	72	✓	✓



- Excellent wet and dry manoeuvrability.
- Extra deep tread and sidewall protector for long tyre life.
- Resists friction and heat generation in casing.
- Durable casings offer superior retreadability.



VERSATILITY DRIVE

DURAVIS R-DRIVE 002



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S		
295/80 R 22.5	152/148	M	305	1059	493	3219	9.00	8.25	C	B	B	75	✓	✓	✓
315/80 R 22.5	156/150	L	314	1085	504	3298	9.00	9.75	C	B	B	75	✓	✓	✓
	154/150	M													
305/70 R 22.5	150	M	306	1007	465	3062	9.00	8.25	Available soon				✓	✓	✓
315/70 R 22.5	154/150	L	314	1030	475	3131	9.00	9.75	C	B	B	75	✓	✓	✓
	152/148	M													
295/60 R 22.5	150/147	L	299	928	435	2820	9.75	9.00	C	B	B	76	✓	✓	✓
315/60 R 22.5	152/148	L	319	960	449	2918	9.75	9.00	C	B	B	74	✓	✓	✓

- Low deformation pattern design for boosted wear performance & even wear.
- Best-in-class wet grip ¹⁾ thanks to optimised contact pressure and enhanced water ejection.
- Optimised fuel efficiency ²⁾ thanks to high performing compound and high compression stiffness.
- Equipped with unique RFID technology to identify the tyres.
- Robust casing for longer tyre life and great retreadability.



1) An EU label grade "A" in steer (size: 315/80r22.5)

2) Features B-C-B combination in steer, drive and trailer EU label in sizes 315/80r22.5 steer & drive and 385/65r22.5 in trailer.

VERSATILITY TRAILER

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tot, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB			
DURAVIS R-TRAILER 002															
385/65 R 22.5	160	K	380	1086	502	3300	11.75	12.25	B	B	A	70	✓	✓	✓
	158	L											✓	✓	✓
385/55 R 22.5	160	K	389	1005	468	3055	12.25	11.75	B	B	A	70	✓	✓	✓
	158	L											✓	✓	✓
DURAVIS R-TRAILER 002 EVO															
385/65 R 22.5	164	K	381	1081	500	3285	11.75	12.25	B	B	A	70	✓	✓	✓
	158	L											✓	✓	✓

- 1) An EU label grade "A" in steer (size: 315/80r22.5)
 2) Features B-C-B combination in steer, drive and trailer EU label in sizes 315/80r22.5 steer & drive and 385/65r22.5 in trailer.



DURAVIS R-TRAILER 002 DURAVIS R-TRAILER 002 EVO



- Low deformation pattern design for high robustness and reduced energy loss.
- Best-in-class wet grip ¹⁾ thanks to optimised contact pressure and enhanced water ejection.
- Optimised fuel efficiency ²⁾ thanks to high performing compound and high compression stiffness.
- Equipped with unique RFID technology to identify the tyres.
- Robust casing for longer tyre life and great retreadability.

VERSATILITY TRAILER

R166II



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	
435/50 R 19.5	160	J	448	928	429	2821	14.00	15.00	D	C	B	73	✓	✓

- Low profile, single fitment tyre for wide base mega trailers.
- Resists irregular wear for long life and excellent fuel economy.
- Low-noise tread design with innovative groove fence.



VERSATILITY TRAILER

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional	Fuel	Wet	Noise	dB	M+S	3PMSF	RTS
385/65 R 225 ¹⁾	160	K	378	1078	498	3277	11.75	12.25	C	B	A	69	✓	✓	✓
	158	L													

- 1) FRT marked tyre.
 2) Based on internal spec comparison wear life and improved irregular wear performance vs. current R179.
 3) Based on official qualification tests which was carried out in Bridgestone facilities vs predecessor R179. Reduction to B Grade for WET vs. R179 (C Grade). Reduction to 69dB vs R179 (71dB).



R179+



- Optimised wear life & improved irregular wear performance.²⁾
- Reduced noise level.³⁾
- Improved wet performance.

VERSATILITY TRAILER

R179



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	
385/65 R 22.5 ¹⁾	160	K	379	1080	499	3283	11.75	12.25	C	C	B	71	✓	✓
	158	L												

- Excellent irregular wear resistance.
- Excellent cut chip resistance.
- Excellent rib tear resistance.
- Excellent wear life.

1) FRT marked tyre.

VERSATILITY TRAILER

R164

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S 	
425/65 R 22.5	165	K	414	1135	522	3450	12.25	13.00	C	D	A	70	✓	
445/65 R 22.5	169	K	456	1163	534	3535	13.00	14.00	C	C	A	70	✓	



- Wide base trailer tyre for highway and regional use.

VERSATILITY TRAILER

R180



- Narrow tyre for dual fitment on special and older trailers.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S 	
10 R 17.5	134/132	L	242	858	398	2608	7.50	6.75	D	D	A	67	✓	

VERSATILITY TRAILER

R184

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	
315/80 R 22.5	154/150	M	307	1076	500	3271	9.00	9.75	C	B	A	69		
275/70 R 22.5	148/145	L	265	962	447	2924	7.50	8.25	D	C	B	72	✓	



- Narrow tyre for dual fitment on special and older trailers.

VERSATILITY TRAILER

R187



- Narrow tyre for dual fitment on special and older trailers.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
7.50 R 15 ¹⁾	135/133	J	206	769	330	2337	6.00	6.50	E	C	B	71	✓	✓
8.25 R 15 ¹⁾	143/141	J	230	844	362	2565	6.50	7.00	D	C	B	71	✓ ²⁾	✓ ²⁾
11 R 22.5	148/145	L	272	1052	490	3198	8.25	7.50	D	B	A	68	✓	

- 1) Only applicable for trailer use.
2) Improved spec to be available.

VERSATILITY TRAILER

R168

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. $\pm 2\%$)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
9.5 R 17.5	143/141	J	235	843	338	2562	6.75	6.00	D	C	B	71	✓	
205/65 R 17.5 ¹⁾	127/125	J	205	715	336	2173	6.00	6.75	D	C	A	70	✓	✓
	132/132	F							D	C	A	70	✓	✓



- High-durability trailer tyre.
- Highly resistant to irregular wear.
- Durable casings for excellent retreadability.

1) FRT marked tyre.

VERSATILITY TRAILER

R-TRAILER 001



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
205/65 R 17.5 ¹⁾	129/127	J	205	715	336	2173	6.00	6.75	Available soon				✓	✓
	132/132	F												
215/75 R 17.5	135/133	K	212	776	309	2359	6.00	6.75	C	B	A	69	✓	✓
235/75 R 17.5	143/141	J	238	807	322	2453	6.75	7.50	C	B	A	68	✓	✓
	144/144	F												
245/70 R 17.5	143/141	J	251	797	315	2423	7.50	6.75	C	B	A	69	✓	✓
	146/146	F												
245/70 R 19.5	141/140	J	251	845	360	2568	7.50	6.75	C	B	A	69	✓	✓
265/70 R 19.5	143/141	K	250	872	372	2651	7.50	8.25	C	B	A	69	✓	✓
285/70 R 19.5	150/148	J	269	890	379	2705	8.25	7.50/9.00	C	B	A	69	✓	✓

- Versatile trailer tyre designed for low platform trailers and car carriers.
- Robust casing construction combined with long lasting tread.
- Improved wet and snow grip.



1) FRT marked tyre.



LIGHT & MEDIUM TRUCKS

Bridgestone tyres for Light & Medium Trucks offer specialized solutions for trucks used in intra- and intercity distribution.

These tyres were made to resist impacts from structures such as pavements and ramps and designed for optimal performance on a multitude of road types. Moreover, thanks to their improved RRC and wet surface performance, Bridgestone Light & Medium Trucks tyres ensure safe operation at all times – allowing you to deliver any cargo safely and on time.

LIGHT & MEDIUM TRUCKS

STEER

R-STEER 002



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
205/75 R 17.5	124/122	M	205	757	301	2301	6.00	5.25/6.75	C	B	A	69	✓	✓
215/75 R 17.5	128/126	M	215	772	307	2347	6.00	6.75	C	C	A	68	✓	✓
225/75 R 17.5	129/127	M	231	786	313	2389	6.75	6.00	C	B	A	70	✓	✓
235/75 R 17.5	132/130	M	238	801	320	2434	6.75	7.50	C	B	A	70	✓	✓
245/70 R 17.5	136/134	M	253	800	319	2430	7.50	6.75	C	B	A	69	✓	✓
265/70 R 17.5	138/136	M	266	816	326	2479	7.50	6.75/8.25	C	B	A	70	✓	✓
245/70 R 19.5	136/134	M	242	841	359	2556	7.50	6.75	C	B	A	69	✓	✓
265/70 R 19.5	140/138	M	252	864	368	2626	7.50	6.75/8.25	C	B	A	70	✓	✓
285/70 R 19.5	146/144	M	270	892	380	2712	8.25	7.5/9.0	C	C	A	68	✓	✓

- New generation of medium sizes tyres for steer axle.
- High resistance to external damages and irregular wear.
- Superior traction for improved wet performance.



LIGHT & MEDIUM TRUCKS

STEER/DRIVE

M788

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	
215/75 R 17.5	126/124	M	215	777	310	2362	6.00	6.75	E	C	A	71	✓	✓
225/75 R 17.5	129/127	M	223	791	370	2040	6.00	6.75	E	C	A	70	✓	✓
265/70 R 19.5	140/138	M	252	870	407	2644	7.50	6.75/8.25	E	D	A	71	✓	✓
285/70 R 19.5	146/144	M	270	898	283	2730	8.25	7.50/9.00	D	C	B	74	✓	✓



- All position tyre for light trucks and commercial vehicles.
- Superior grip for outstanding all-season performance.
- Sidewall protector minimises scuffing and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometer.
- Thick tread gauge ideal for regrooving and retreading.



LIGHT & MEDIUM TRUCKS

DRIVE

R-DRIVE 002



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
205/75 R 17.5	124/122	M	205	761	303	2313	6.00	5.25/6.75	C	B	A	71	✓	✓
215/75 R 17.5	126/124	M	215	776	309	2359	6.00	6.75	C	C	A	72	✓	✓
225/75 R 17.5	129/127	M	231	788	314	2396	6.75	6.00	C	B	B	74	✓	✓
235/75 R 17.5	132/130	M	238	802	320	2437	6.75	7.50	C	B	B	74	✓	✓
245/70 R 17.5	136/134	M	253	800	319	2431	7.50	6.75	C	B	B	74	✓	✓
265/70 R 17.5	138/136	M	266	820	325	2493	7.50	6.75/8.25	C	B	B	75	✓	✓
245/70 R 19.5	136/134	M	242	841	359	2556	7.50	6.75	C	B	B	74	✓	✓
265/70 R 19.5	140/138	M	252	872	372	2651	7.50	6.75/8.25	C	B	B	74	✓	✓
285/70 R 19.5	146/144	M	270	894	381	2718	8.25	7.50/9.00	C	C	B	74	✓	✓

- New generation of medium sizes tyres for drive axle.
- High resistance to external damages and irregular wear.
- Superior traction for improved wet performance.
- Low Energy Pattern technology for low rolling resistance.





MILD ON/OFF ROAD

Bridgestone's latest range of premium On/Off tyres are built to meet the challenges of the construction and civil engineering transport industries. Bridgestone's extremely robust tyres deliver precisely the performance you need when you need it most: great traction and grip even in the most difficult operating conditions, excellent mileage, superb resistance to accidental damage and ultimately ... a low tyre cost per kilometer.

These mild On/Off segment premium tyres are targeted at fleets whose usage off-road is less than 20%.

MILD ON/OFF ROAD STEER

M-STEER 001 ¹⁾



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
13 R 22.5	156/150	K	316	1129	523	3432	9.75	9.00	C	B	A	70	✓	✓	✓
295/80 R 22.5	152/148	K	300	1059	493	3219	9.00	8.25	C	B	A	68	✓	✓	✓
	150/145	L													
315/80 R 22.5	156/150	K	311	1092	507	3319	9.00	9.75	C	B	A	69	✓	✓	✓
385/65 R 22.5	160	K	378	1086	505	3302	11.75	12.25	C	B	A	71	✓	✓	✓

- Robust tyre with high resistance to external aggressions.
- Able to cope with different On & Off operations.
- High retreadability for extended tyre life and reduced cost per km.
- Equipped with unique RFID technology to identify the tyres.



1) Only 13R22.5 M-STEER 001 has 4-rib pattern design, rest of sizes have 5-rib design.

MILD ON/OFF ROAD DRIVE

M-DRIVE 001

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
13 R 22.5	156/150	K	313	1144	529	3477	9.75	9.00	D	B	A	73	✓	✓	✓
295/80 R 22.5	152/148	K	300	1062	494	3228	9.00	8.25	D	B	A	71	✓	✓	✓
	150/145	L													
315/80 R 22.5	156/150	K	308	1100	510	3344	9.00	9.75	D	B	A	72	✓	✓	✓



- Long-lasting high-durable drive tyre.
- Great traction in all On & Off surfaces.
- Comfortable ride especially in on-road driving conditions.
- Equipped with unique RFID technology to identify the tyres.



MILD ON/OFF ROAD TRAILER

M-TRAILER 001 PLUS



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (inch) Measuring	Rim (inch) Optional				dB	M+S		
385/65 R 22.5	160	K	378	1088	503	3307	11.75	12.25	C	B	B	73	✓	✓	✓
	158	L													

- Premium trailer tyre for On & Off use.
- Smooth and regular wear for a long first life.
- Great resistance to cutting and chipping: high casing durability for better retreadability.
- Equipped with unique RFID technology to identify the tyres.





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SEVERE ON/OFF ROAD

Bridgestone ON/OFF tyres have been developed to withstand the harsh conditions of this application and feature excellent durability and a high resistance to cutting and chipping. In addition, the robust casing is highly retreadable.

SEVERE ON/OFF ROAD ALL POSITION

M840 | M840 EVO | M840 EXTRA



- All position tyre for On and Off road use.
- Excellent resistance to cutting and chipping.
- Wide and deep tread grooves for long tyre life.
- Superior retreadability for low cost per kilometer.
- Increased load capacity ¹⁾.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (ToI, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB		
M840														
10 R 17.5 ²⁾	143/141	J	254	869	403	2641	7.50	6.75	E	D	A	70	✓	✓
10 R 22.5	144/142	K	254	1024	478	3113	7.50	6.75	D	B	B	72	✓	✓
11 R 22.5	148/145	K	275	1065	495	3237	8.25	7.50	D	C	A	70	✓	✓
	145/142	L												
12 R 22.5	152/148	K	293	1093	507	3322	9.00	8.25	D	C	B	73	✓	✓
	150/145	L												
275/70 R 22.5	148/145	K	275	976	453	2967	8.25	7.50	D	C	A	69	✓	✓
M840 EVO														
13 R 22.5	158/156	G	316	1131	524	3438	9.75	9.00	D	B	B	72	✓	✓
	156/150	K												
315/80 R 22.5	158/156	G	310	1095	508	3328	9.00	9.75	D	C	A	70	✓	✓
	156/150	K												
M840 EXTRA														
325/95 R 24	162/160	K	317	1214	562	3432	8.50	-	D	C	A	72	✓	

1) Compared to Bridgestone M840.

2) Only applicable for trailer use.

SEVERE ON/OFF ROAD ALL POSITION

L317 EVO | L317 EXTRA

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB		
L317 EVO														
13 R 22.5	158/156	G	314	1150	532	3496	9.75	9.00	E	B	A	73	✓	✓
	156/150	K												
L317 EXTRA														
325/95 R 24	162/160	G	314	1238	572	3763	8.5	-	21					



- Off road all position tyre for mining and logging vehicles.
- Extra deep tread for long life and superior traction.
- Increased load capacity ¹⁾.

1) Compared to Bridgestone L317.

2) Professional off-road tyre [POR]. Not in scope of regulation.

SEVERE ON/OFF ROAD DRIVE

L355 EVO



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
13 R 22.5	158/156	G	316	1151	532	3499	9.75	9.00	E	B	B	75	✓	✓
	156/150	K												
315/80 R 22.5	158/156	G	307	1102	511	3350	9.00	9.75	E	B	B	74	✓	✓
	156/150	K												

- Drive axle tyre for all types of On/Off commercial vehicles.
- Robust tread pattern and high traction on rough surfaces.
- Extra deep tread for extended lifespan.
- High resistance to cutting and chipping.
- Increased load capacity ¹⁾.

1) Compared to Bridgestone L355.

SEVERE ON/OFF ROAD TRAILER

M748 | M748 EVO

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S 	
M748														
425/65 R 22.5 ²⁾	165	K	420	1139	524	3462	13.00	14.00	D	D	A	70	✓	
445/65 R 22.5 ²⁾	169	K	452	1169	537	3553	14.00	-	C	D	B	71	✓	
M748 EVO														
385/65 R 22.5 ²⁾	164	G	385	1090	504	3313	11.75	12.25	D	B	B	72	✓	✓
	160	K												



- Trailer tyre for On and Off road use.
- Highly durable tread and casing compounds.
- Excellent retreadability for extended lifespan.
- Increased load capacity for M748 EVO ¹⁾.

1) Compared to Bridgestone M748.

2) Non-FRT marked tyre that can be also used on front axle.



SEVERE ON/OFF ROAD TRAILER

M844



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
445/65 R 22.5	169	K	446	1169	537	3553	13.00	14.00	C	D	B	71	✓	

- Premium wide base trailer tyre for On/Off use.
- Sidewall protector for resistance to cuts, snags and abrasion.
- Durable, cut-resistant tread.
- Easily retreaded for low cost per kilometer.



URBAN BUS

Urban tyres are built to withstand the particularly violent working life of the city bus - this range copes with endless stop and go's, shocks against the pavement, potholes, and irregular loads... Additionally they offer superior wet road and noise performance.

URBAN BUS

ALL POSITION

U-AP 002



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
215/70 R 17.5 ³⁾	128/126	M	215	772	361	2347	6.00	6.75	Available soon			✓	✓	✓	
245/70 R 19.5 ³⁾	136/134	L	242	846	392	2572	7.50	6.75	C	C	A	70	✓	✓	✓
265/70 R 19.5 ³⁾	140/138	M	252	864	400	2626	7.50	6.75/8.25	Available soon			✓	✓	✓	
275/70 R 22.5	152/148	J	283	959	446	2915	8.25	7.50	B	B	A	69	✓	✓	✓
	150/148	K													
315/60 R 22.5 ³⁾	154/148	L	314	957	448	2909	9.75	9.00	Available soon			✓	✓	✓	

The ideal bus tyre for sustainable urban mobility

- Enjoy a quiet ride, reduced CO₂ emissions ¹⁾, and strong casing allowing multiple lives.
- A 9% longer tyre life ensures excellent mileage ²⁾.
- Suitable with all kinds of powertrains (High load capacity).
- Reinforced sidewall provides extra protection.



- 1) Based on official qualification tests which was carried out in Bridgestone facilities vs predecessor U-AP 001 Size 275/70 R22.5, All Position. Reduction to B Grade for RRC vs U-AP 001 [D Grade]. Reduction to 69 dB vs U-AP 001 [71dB].
- 2) Based on internal field test (MTF801) carried out vs predecessor U-AP 001 Size 275/70 R22.5, All Position.
- 3) See Bridgestone Website for update with labelling.
- 4) Implemented with RFID within 2022.

URBAN BUS ALL POSITION

U-AP 001

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S 	
245/70 R 19.5 ¹⁾	136/134	L	242	848	362	2578	7.50	6.75	D	B	A	71	✓	✓
275/70 R 22.5 ²⁾	150/148	J	283	971	451	2951	8.25	7.50	D	B	A	71	✓	✓
	152/148	E												



- Low cost per kilometer and high safety throughout the tyre's total lifecycle.
- Robust high-value casing for longer life and higher retreadability.
- Thick sidewall protection to minimise damage from kerbs and other road hazards.
- All-season performance thanks to excellent grip and braking performance in mud and fresh or melting snow.



1) Discontinued in April 2022.

2) Discontinued in October 2021.

URBAN BUS

ALL POSITION

R192



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. $\pm 2\%$)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
305/70 R 22.5	152/148	J	305	999	467	3070	9.00	8.25	D	D	A	70		
	154/150	E												

- Excellent sidewall protection minimises scuff damage and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometer.
- Thick tread gauge for easy regrooving and retreading.



URBAN BUS DRIVE

GREATEC R173

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S 	
455/45 R 22.5	166	J	455	989	461	3006	15.00	14.00	D	C	B	72	✓	



- Low-profile single drive tyre for buses and coaches.
- Low-weight solution for maximum payload.
- Compact design maximises interior space for passengers.



Notes



COACH

Coach tyres are specially designed for use by coaches in international travel where road conditions can change radically along the way and safety is a priority. A great deal of research has gone into giving them “all-season” and all-hub capabilities as well as making them as quiet as possible.

COACH

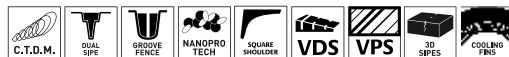
ALL POSITION

COACH-AP 001



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
295/80 R 22.5	154/149	M	305	1051	490	3195	9.00	8.25	B	B	A	69	✓	✓	✓

- Outstanding comfort thanks to reduced groove volume and optimised pattern sequence.
- High performer in wet thanks to high performing compound.
- Excellent fuel efficiency thanks to low deformation pattern design and high performing compound.
- Equipped with unique RFID technology to identify the tyre.
- Robust casing for longer tyre life and great retreadability.





WINTER

Bridgestone's full range of winter tyres provide outstanding performance whatever the conditions. From extreme temperature and wet weather conditions to the challenges of ice and snow, Bridgestone is your guarantee of superior comfort, precise handling and above all, peace of mind.

WINTER STEER

W958 | W958 EVO



- Severe winter tyre for steer axle applications.
- Tread pattern for use in snowy and icy conditions.
- Superior braking and cornering grip.
- High mileage and resistance against irregular wear.
- Evolving pattern providing excellent performance.

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB	M+S	AS	Rolling
W958															
315/80 R 22.5	156/150	L	314	1082	503	3289	9.00	9.75	D	C	B	72	✓	✓	✓
	154/150	M													
275/70 R 22.5	148/145	J	283	968	449	2942	8.25	7.50	E	B	A	71	✓	✓	✓
	152/148	E													
315/70 R 22.5	152/148	M	314	1028	474	3124	9.00	9.75	D	C	B	74	✓	✓	✓
	154/150	L													
385/65 R 22.5	160	K	376	1085	504	3299	11.75	12.25	C	C	A	71	✓	✓	✓
	158	L													
385/55 R 22.5	160	K	381	1008	469	3063	12.25	11.75	C	C	B	72	✓	✓	✓
	158	L													
W958 EVO															
295/80 R 22.5	154/149	M	304	1062	494	3228	9.00	8.25	D	C	A	70	✓	✓	✓
315/70 R 22.5	156/150	L	312	1021	471	3104	9.00	9.75	D	C	B	74	✓	✓	✓
385/65 R 22.5	164	K	381	1084	504	3296	11.75	12.25	D	C	A	71	✓	✓	✓
	158	L													



WINTER STEER

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
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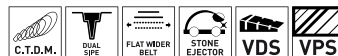
RW-STEER 001															
385/65 R 22.5	160	K	376	1085	501	3296	11.75	12.25	C	C	B	72	✓	✓	✓
	158	L													
385/55 R 22.5	160	K	386	1004	467	3052	12.25	11.75	C	B	B	73	✓	✓	✓
	158	L													
RW-STEER 001 EVO															
385/65 R 22.5	164	K	381	1084	501	3295	11.75	12.25	C	C	B	72	✓	✓	✓
	158	L													

RW-STEER 001 RW-STEER 001 EVO



- Enhanced wear life, better mileage vs actual wear life of M788 ¹⁾. Optimised casing construction for improved even wear.
- Good snow and ice handling performance, optimised contact pressure distribution and footprint vs M788.
- Winter ready, 3PMSF & M+S.
- RFID, Unique Tire Identifier Equipped on all sizes.

1) Based on current internal tests which is carrying out vs. predecessor M788
Size 385/55 R22.5, steer position



WINTER DRIVE

NORDIC-DRIVE 001



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol, ± 2%)	Rim (Inch) Measuring	Rim (inch) Optional				dB		
295/80 R 22.5	152/148	M	299	1058	492	3216	9.00	8.25	E	C	C	75	✓	✓
315/80 R 22.5	156/150	L	314	1084	504	3295	9.00	9.75	E	C	C	75	✓	✓
	154/150	M												
315/70 R 22.5	152/148	M	314	1023	472	3110	9.00	9.75	Available soon				✓	✓
	154/150	L											✓	✓
275/70 R 22.5	148/145	M	275	963	447	2927	8.25	7.50	E	C	C	75	✓	✓

- Multicell tread compound™ with microscopic pores for superior traction on snow and ice.
- New block pattern design improving the traction on snow and ice.
- Convex block pattern design reducing the irregular wear.
- Anti-slip blocks for excellent stability and high braking on wet and frozen surfaces.



RW-DRIVE 001

Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S		
295/80 R 22.5	152/148	M	299	1057	492	3214	9.00	8.25	E	B	A	73	✓	✓	
315/80 R 22.5	154/150	M	314	1083	503	3293	9.00	9.75	E	B	A	73	✓	✓	
	156/150	L													
275/70 R 22.5	150/148	J	283	966	448	2936	8.25	7.50	E	C	B	74	✓	✓	✓
	152/148	E													
315/70 R 22.5	152/148	M	314	1026	479	3120	9.00	9.75	E	B	B	74	✓	✓	
	154/150	L													
315/60 R 22.5	152/148	L	319	963	450	2927	9.75	9.00	E	C	A	73	✓	✓	✓



- High performer in wet, Wet Label Grade B.
- Higher winter performance, high winter potential (pattern design).
- Optimised for all year-round, evolving tread pattern across the tyre life for year-round use.
- Winter ready, 3PMSF & M+S.



WINTER DRIVE

W990



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (Tol. $\pm 2\%$)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
315/80 R 22.5	154/150	M	316	1093	507	3322	9.00	9.75	E	D	B	75	✓	✓
	156/150	L												

- Regular winter drive tyre for reliable traction in snow.
- Anti-slip blocks for excellent stability and wet-weather handling.
- High mileage and resistance against irregular wear.



Size	Load index	Speed symbol	Section Width (mm)	Diameter (mm) Overall	Static Loaded Radius (mm)	Rolling Circ. (mm) @ 90 km/h (ToI, ± 2%)	Rim (Inch) Measuring	Rim (Inch) Optional				dB	M+S	
265/70 R 19.5	143/141	J	252	879	374	2672	7.50	6.75/8.25	E	C	B	73	✓	✓
285/70 R 19.5	150/148	J	265	894	381	2718	8.25	7.50/9.00	D	C	A	71	✓	✓

M852



- High durability trailer tyre with excellent Winter/On/Off capabilities.
- Superior grip thanks to a range of technological advancements.
- High mileage potential and resistance to irregular wear.



Notes



VANS

Bridgestone's full range of van tyres provide excellent performance in summer and winter conditions.
From sunny to snowy and everything in between, hit the road with total confidence.

VANS SUMMER

DURAVIS R660 | R660ECO



DURAVIS R660

The Duravis R660 significantly reduces total cost per kilometer thanks to its outstanding mileage.

- High durability.
- Great wet weather performance.
- For safe, reliable and cost effective operations.

Size	Load index	Speed symbol				dB			Size	Load index	Speed symbol				dB		
DURAVIS R660																	
185/75 R 14 C	102/100	R	D	C	B	72			225/75 R 16 C	118/116	R	C	B	B	72		
										121/120	R	C	B	B	72		
165/70 R 14 C	89/87	R	C	B	B	72			195/65 R 16 C	104/102	T	C	B	B	72		
175/65 R 14 C	90/88	T	D	B	B	72			205/65 R 16 C	107/105	T	C	B	B	72		
185 R 14	102/100	R	D	B	B	72			215/65 R 16 C	106/104	T	C	B	B	72		
195 R 14	106/104	R	D	B	B	72				109/107	R	C	A	B	71		
195/70 R 15 C	104/102	R	D	B	B	72				109/107	T	C	B	B	72		
205/70 R 15 C	106/104	R	D	B	B	72			225/65 R 16 C	112/110	R	C	B	B	72		
215/70 R 15 C	109/107	S	C	B	B	72			235/65 R 16 C	115/113	R	C	B	B	72		
	109/107	S	A	B	A	71				121/119	R	C	B	B	72		
225/70 R 15 C	112/110	S	D	B	B	72			195/60 R 16 C	99/97	H	C	B	B	72		
205/65 R 15 C	102/100	T	C	B	B	72			215/60 R 16 C	103/101	T	C	B	B	72		
215/65 R 15 C	104/102	T	C	B	B	72			215/60 R 17 C	109/107	T	C	B	B	72		
185/75 R 16 C	104/102	R	D	B	B	72			DURAVIS R660 ECO								
195/75 R 16 C	107/105	R	C	A	B	71			205/65 R 16 C	107/105	T	A	A	B	70		
	110/108	R	D	B	B	72			215/65 R 16 C	106/104	T	A	A	B	70		
205/75 R 16 C	110/108	R	C	B	B	72			225/65 R 16 C	112/110	T	A	A	B	71		
	113/111	R	D	B	B	72			225/65 R 16 C	112/110	R	B	A	A	69		
215/75 R 16 C	113/111	R	C	B	B	72			225/65 R 16 C	112/110	T	A	A	B	72		
	116/114	R	D	B	B	72			215/60 R 17 C	109/107	T	A	A	B	72		

VANS

ALL SEASON

DURAVIS All Season

Size	Load index	Speed symbol						
						dB	M+S	
195/70 R15 C	104/102	R	C	A	A	72	✓	✓
215/70 R15 C	109/107	S	C	A	A	72	✓	✓
225/70 R15 C	112/110	S	C	A	A	72	✓	✓
215/65 R15 C	104/102	T	C	A	A	72	✓	✓
185/75 R16 C	104/102	R	C	A	A	72	✓	✓
195/75 R16 C	107/105	R	C	A	A	72	✓	✓
205/75 R16 C	110/108	R	C	A	A	72	✓	✓
	113/111	R	D	A	A	72	✓	✓
215/75 R16 C	113/111	R	C	A	A	72	✓	✓
	116/114	R	D	A	A	72	✓	✓
225/75 R16 C	121/120	R	C	A	A	72	✓	✓

Size	Load index	Speed symbol						
						dB	M+S	
195/65 R16 C	104/102	T	C	A	A	72	✓	✓
205/65 R16 C	107/105	T	C	A	A	72	✓	✓
215/65 R16 C	106/104	T	C	A	A	72	✓	✓
	109/107	T	C	A	A	72	✓	✓
225/65 R16 C	112/110	R	C	A	A	72	✓	✓
235/65 R16 C	115/115	R	C	A	A	72	✓	✓
	121/119	R	C	A	A	72	✓	✓
195/60 R16 C	99/97	H	C	A	A	72	✓	✓
215/60 R16 C	103/101	T	C	A	A	72	✓	✓
215/60 R17 C	109/107	T	C	A	A	72	✓	✓
235/60 R17 C	117/115	R	Available soon				✓	✓
225/55 R17 C	109/107	H	C	A	A	72	✓	✓



DURAVIS **ALL SEASON**

- Best-in-class wet grip index, EU label grade "A".
- Winter ready, for all year usage, certified 3 Peak Mountain Snow Flake (3PMSF) and Mud + Snow markings to ensure usage in all weather conditions.
- Sidewall protector rib, to avoid down-time periods.

VANS WINTER

BLIZZAK W810



BLIZZAK W810

- Bridgestone's flagship winter tyre for medium to heavy vans, offering outstanding reliability and protection in all winter weather conditions.
- The latest advancements in tread, compound and casing technology combining excellent wear with great snow and wet performance.
- It raises the bar for safety and durability.

Size	Load index	Speed symbol				dB	M+S	
175/75 R 14 C	99/98	R	E	C	B	75	✓	✓
195/70 R 15 C	104/102	R	E	C	B	75	✓	✓
205/70 R 15 C	106/104	R	E	C	B	75	✓	✓
215/70 R 15 C	109/107	R	D	C	B	75	✓	✓
225/70 R 15 C	112/110	R	E	C	B	75	✓	✓
185/75 R 16 C	104/102	R	E	B	B	75	✓	✓
195/75 R 16 C	107/105	R	D	A	B	75	✓	✓
195/75 R 16 C	107/105	R	D	B	B	75	✓	✓
205/75 R 16 C	110/108	R	D	A	B	75	✓	✓
215/75 R 16	113/111	R	D	C	B	75	✓	✓
	116/114	R	D	C	B	75	✓	✓
225/75 R 16 C	121/120	R	D	C	B	75	✓	✓
195/65 R 16 C	104/102	T	D	C	B	75	✓	✓
205/65 R 16 C	107/105	T	D	C	B	75	✓	✓
215/65 R 16 C	109/107	T	D	C	B	75	✓	✓
225/65 R 16	112/110	R	D	B	B	75	✓	✓
235/65 R 16	115/113	R	D	C	B	75	✓	✓

Size	Load index	Speed symbol				dB		
175/65 R 14 C	90/88	T	E	B	B	73	✓	✓
205/65 R 15 C	102/100	T	E	B	B	73	✓	✓
205/65 R 16 C	103/101	T	E	B	B	73	✓	✓
215/65 R 16 C	106/104	T	D	B	B	73	✓	✓
195/60 R 16 C	99/97	T	D	B	B	73	✓	✓
205/60 R 16 C	100/98	T	E	B	B	73	✓	✓
215/60 R 16 C	103/101	T	D	B	B	73	✓	✓

BLIZZAK LM-32C



BLIZZAK LM-32C

The reliable choice for light commercial vehicles.

- Excellent grip on fresh and compacted snow.
- Confident handling in the wet.
- Long-lasting performance.

VANS

WINTER

BLIZZAK W995



BLIZZAK W995

- Studless van tyre providing excellent performance even under severe winter conditions.
- Advanced Multicell compound™ guarantees traction on compacted snow and ice.
- Increased block stiffness gives superb handling on dry roads.
- Optimised sipe distribution for excellent cornering on snow and wet.

Size	Load index	Speed symbol				dB	M+S	
195/70 R 15 C	104/102	R	E	D	B	75	✓	✓
225/70 R 15 C	112/110	R	D	D	B	75	✓	✓
195/75 R 16 C	107/105	R	E	D	B	75	✓	✓
215/75 R 16 C	113/111	R	D	D	B	75	✓	✓
205/65 R 16 C	107/105	R	D	D	B	75	✓	✓
215/65 R 16 C	109/107	R	D	D	B	75	✓	✓
225/65 R 16 C	112/110	R	D	D	B	75	✓	✓
235/65 R 16 C	115/113	R	C	D	B	75	✓	✓

NORANZA VAN 001

Size	Load index	Speed symbol		dB	
195/70 R 15 C	104/102	R	Not applicable	✓	✓
205/70 R 15 C	106/104	R	Not applicable	✓	✓
225/70 R 15 C	112/110	R	Not applicable	✓	✓
195/75 R 16 C	107/105	R	Not applicable	✓	✓
205/75 R 16 C	113/111	R	Not applicable	✓	✓
215/75 R 16 C	116/114	R	Not applicable	✓	✓
195/65 R 16 C	104/102	R	Not applicable	✓	✓
205/65 R 16 C	107/105	R	Not applicable	✓	✓
215/65 R 16 C	109/107	R	Not applicable	✓	✓
225/65 R 16 C	112/110	R	Not applicable	✓	✓
235/65 R 16 C	121/119	R	Not applicable	✓	✓
215/60 R 16 C	108/106	R	Not applicable	✓	✓
215/60 R 17 C	109/107	R	Not applicable	✓	✓

Studded tyre.



NORANZA VAN 001

Keep your business running in extreme weather conditions.

- Exceptional handling and grip to help keep you safe on snow and ice.
- Extreme traction combined with ultimate braking power to give you the necessary control.
- Strong tyre structure designed to last for many winters to come.





TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
15"								
80 SERIES								
205/80 R 15	124/122	J (100)	124	S			2760	2850
			122	D			5160	5330
STANDARD SERIES								
7.50 R 15	135/133	J (100)	135	S				
			133	D				
8.25 R 15	143/141	J (100)	143	S				
		L (120)	141	D				
17.5"								
65 SERIES								
205/65 R 17.5	127/125	J (100)	127	S				
			125	D				
	129/127	J (100)	129	S				
			127	D				
	132/132	F (80)	132	D				
70 SERIES								
245/70 R 17.5	136/134	M (130)	136	S				
			134	D				
	143/141	J (100)	143	S				
			141	D				
	144/144	F (80)	144	D				
	146/146	F (80)	146	D				

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
2940	3030	3120	3200							
5500	5670	5840	6000							
			3840	3950	4050	4160	4260	4360		
			7260	7460	7660	7850	8050	8240		
			4800	4940	5070	5200	5330	5450		
			9070	9320	9570	9820	10060	10300		
		3000	3090	3170	3260	3340	3420	3500		
		5660	5820	5980	6130	6290	6450	6600		
		3030	3120	3200	3290	3370	3460	3540	3620	3700
		5730	5890	6050	6220	6380	6530	6690	6850	7000
		6700	6890	7080	7260	7450	7640	7820	8000	
		3840	3950	4060	4170	4270	4380	4480		
		7270	7470	7680	7880	8080	8280	8480		
		4560	4690	4820	4950	5080	5200	5330	5450	
		8620	8870	9110	9350	9590	9830	10070	10300	
		9370	9640	9910	10170	10430	10690	10950	11200	
		10040	10330	10610	10890	11170	11450	11730	12000	

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

The air pressure levels given are for normal operating conditions. Under variant conditions (such as increased load), please contact your local Bridgestone customer services representative.

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
265/70 R 17.5	138/136	M (130)	138	S				
			136	D				
			75 SERIES					
205/75 R 17.5	124/122	M (130)	124	S				2770
			122	D				5190
215/75 R 17.5	126/124	M (130)	126	S			3010	3110
			124	D			5660	5850
	128/126	M (130)	128	S				3120
			126	D				5880
	135/133	J (100), K (110)	135	S				
			133	D				
225/75 R 17.5	129/127	M (130)	129	S				3290
			127	D				6220
235/75 R 17.5	143/141	J (100)	143	S				
			141	D				
	132/130	M (130)	132	S				
			130	D				
	144/144	F (80)	144	D				

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
4000	4130	4250	4370	4490	4610	4720				
7590	7830	8060	8290	8510	8740	8960				
2860	2950	3030	3120	3200						
5360	5520	5680	5840	6000						
3210	3310	3400								
6040	6220	6400								
3220	3310	3410	3510	3600						
6070	6260	6440	6620	6800						
		3740	3840	3950	4050	4160	4260	4360		
		7060	7260	7460	7660	7850	8050	8240		
3400	3500	3600	3700							
6420	6620	6810	7000							
			4690	4820	4950	5080	5200	5330	5450	
			8870	9110	9350	9590	9830	10070	10300	
3480	3590	3690	3800	3900	4000					
6610	6810	7010	7210	7410	7600					
			9430	9680	9940	10200	10450	10700	10960	11200

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
STANDARD SERIES								
9.5 R 17.5	143/141	J (100)	143	S				
			141	D				
	129/127	M (130)	129	S				3200
			127	D				6050
10 R 17.5	143/141	J (100)	143	S				
			141	D				
	134/132	L (120)	134	S				
			132	D				
19.5"								
45 SERIES								
445/45 R 19.5	160	J (100)	160	J				
50 SERIES								
435/50 R 19.5	160	J (100)	160	S				
70 SERIES								
245/70 R 19.5	136/134	M (130)	136	S				
			134	D				
	141/140	J (100)	141	S				
			140	D				
265/70 R 19.5	140/138	M (130)	140	S				
			138	D				
	143/141	J (100), K (110)	143	S				
			141	D				

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
		4560	4690	4820	4950	5080	5200	5330	5450	
		8620	8870	9110	9350	9590	9830	10070	10300	
3300	3410	3510	3610	3700						
6250	6440	6630	6820	7000						
			4800	4940	5070	5200	5330	5450		
			9070	9320	9570	9820	10060	10300		
3600	3710	3820	3920	4030	4140	4240				
6780	6990	7190	7400	7600	7800	8000				
					7990	8200	8400	8600	8800	9000
	7150	7370	7580	7780	7990	8200	8400	8600	8800	9000
		3930	4050	4160	4270	4380	4480			
		7440	7650	7860	8070	8280	8480			
		4410	4540	4660	4790	4910	5030	5150		
		8570	8810	9050	9290	9530	9770	10000		
4350	4480	4610	4750	4880	5000					
8210	8460	8710	8950	9200	9440					
		4670	4800	4940	5070	5200	5330	5450		
		8820	9070	9320	9570	9820	10060	10300		

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

The air pressure levels given are for normal operating conditions. Under variant conditions [such as increased load], please contact your local Bridgestone customer services representative.

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
285/70 R 19.5	145/143	M (130)	145	S				
			143	D				
	146/144	M (130)	146	S				
			144	D				
	150/148	J (100)	150	S				
			148	D				
305/70 R 19.5	148/145	M (130)	148	S				
		J (100)	145	D				
	151/149	E (70)	151	S				
			149	D				
20"								
80 SERIES								
365/80 R 20	158	L (120)	158	S				
	160	K (110)	160	S				
STANDARD SERIES								
8.25 R 20 14PR	133/131	K (110)	133	S		3630	3750	3880
			131	D		6870	7100	7340
14.00 R 20 18PR	161/156	K (110)	161	S		7910	8180	8450
			156	D		13680	14150	14620

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
				5020	5150	5280	5410	5550	5680	5800
				9430	9680	9920	10170	10420	10660	10900
				5190	5330	5470	5600	5740	5870	6000
				9680	9940	10200	10450	10700	10960	11200
				5800	5950	6100	6250	6410	6560	6700
				10890	11180	11470	11760	12040	12320	12600
		5400	5550	5700	5860	6010	6160	6300		
		9940	10220	10500	10780	11060	11330	11600		
		5910	6080	6250	6410	6580	6740	6900		
		11130	11450	11770	12080	12390	12700	13000		
			7150	7350	7550	7740	7930	8130	8320	8500
			7580	7780	7990	8200	8400	8600	8800	9000
4000	4120									
7570	7800									
8720	8990	9250								
15080	15550	16000								

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
22.5"								
45 SERIES								
315/45 R 22.5	147/145	L [120]	147	S				
			145	D				
435/45 R 22.5	162	J [100]	162	S				
455/45 R 22.5	166	J [100]	166	S				
495/45 R 22.5	169	M [130]	169	S				
50 SERIES								
355/50 R 22.5	156	L [120]	156	S				
55 SERIES								
385/55 R 22.5	158	L [120]	158	S				
	160	K [110]	160	S				
60 SERIES								
295/60 R 22.5	150/147	L [120]	150	S				
			147	D				
315/60 R 22.5	152/148	L [120]	152	S				
			148	D				
	154/148	L [120]	154	S				
			148	D				

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
					5440	5600	5740	5880	6020	6150
					10300	10560	10820	11090	11350	11600
					8430	8650	8870	9080	9290	9500 ¹⁾
					9410	9650	9890	10130	10370	10600
					10300	10560	10820	11090	11350	11600 ¹⁾
					7100	7290	7470	7650	7830	8000
	7070	7280	7490	7700	7900	8100	8300	8500		
			7580	7780	7990	8200	8400	8600	8800	9000
			5640	5800	5950	6100	6250	6410	6560	6700
			10350	10640	10920	11200	11480	11760	12030	12300
			5980	6140	6300	6470	6630	6790	6950	7100
			10600	10890	11180	11470	11760	12040	12320	12600
			6310	6490	6660	6830	7000	7170	7340	7500
			10600	10890	11180	11470	11760	12040	12320	12600

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
65 SERIES								
385/65 R 22.5	158	L (120)	158	S				
	160	K (110)	160	S				
	164	G (90), K (110)	164	S				
425/65 R 22.5	165	K (110)	165	S				
445/65 R 22.5	169	K (110)	169	S				
70 SERIES								
255/70 R 22.5	140/137	M (130)	140	S				
			137	D				
	140/140	L (120)	140	S				
			140	D				
275/70 R 22.5	148/145	K (110), L (120), M (130), J (100)	148	S				
			145	D				
	150/148	J (100)	150	S				
			148	D				
	152/148	E (70)	152	S				
			148	D				
285/70 R 22.5	150/148	J (100)	150	S				
			148	D				

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
		7280	7490	7700	7900	8100	8300	8500		
			7580	7780	7990	8200	8400	8600	8800	9000
			8420	8650	8880	9110	9330	9560	9780	10000
	8780	9040	9290	9550	9800	10050	10300			
				10030	10300	10560	10820	11090	11350	11600
	4370	4500	4630	4750	4880	5000				
	8040	8270	8510	8740	8970	9200				
	4370	4500	4630	4750	4880	5000				
	8730	8990	9250	9500	9750	10000				
				5450	5590	5740	5880	6020	6160	6300
				10030	10300	10560	10820	11090	11350	11600
			5640	5800	5950	6100	6250	6410	6560	6700
			10600	10890	11180	11470	11760	12040	12320	12600
			5980	6140	6300	6470	6630	6790	6950	7100
			10600	10890	11180	11470	11760	12040	12320	12600
				5800	5950	6100	6250	6410	6560	6700
				10890	11180	11470	11760	12040	12320	12600

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
305/70 R 22.5	150/148	M (130)	150	S				
			148	D				
	152/148	J (100)	152	S				
	152/148	L (120)	148	D				
	154/150	E (70)	154	S				
			150	D				
315/70 R 22.5	152/148	M (130)	152	S				
			148	D				
	154/150	L (120)	154	S				
			150	D				
	156/150	L (120)	156	S				
			150	D				
80 SERIES								
275/80 R 22.5	148/144	M (130)	148	S				
			144	D				
295/80 R 22.5	154/149	M (130)	154	S				
			149	D				
	152/148	J (100), K (110), M (130)	152	S				
			148	D				
	150/145	L (120)	150	S				
			145	D				

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
		5740	5900	6070	6230	6390	6550	6700		
		10790	11100	11400	11710	12010	12310	12600		
			5980	6140	6300	6470	6630	6790	6950	7100
			10600	10890	11180	11470	11760	12040	12320	12600
		6430	6610	6790	6970	7150	7330	7500		
		11480	11800	12130	12450	12770	13090	13400		
		6080	6260	6430	6600	6770	6940	7100		
		10790	11100	11400	11710	12010	12310	12600		
				6490	6660	6830	7000	7170	7340	7500
				11590	11890	12200	12500	12810	13110	13400
				6920	7100	7290	7470	7650	7830	8000
				11590	11890	12200	12500	12810	13110	13400
		5400	5550	5700	5860	6010	6160	6300		
		9590	9870	10140	10410	10670	10940	11200		
		6430	6610	6790	6970	7150	7330	7500		
		11130	11450	11770	12080	12390	12700	13000		
		6080	6260	6430	6600	6770	6940	7100		
		10790	11100	11400	11710	12010	12310	12600		
5680	5850	6030	6200	6370	6540	6700				
9830	10130	10430	10730	11020	11310	11600				

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

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TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
315/80 R 22.5	152/148 ¹⁾	L [120]	152	S				
			148	D				
	154/149	M [130]	154	S				
			149	D				
	154/150	K [110]	154	S				
		M [130]	150	D				
	156/150	K [110]	156	S				
		L [120]	150	D				
	158/156	G [90]	158	S				
			156	D				
STANDARD SERIES								
10 R 22.5	144/142	K [110], L [120]	144	S				
			142	D				
11 R 22.5	148/145	J [100], K [110], L [120]	148	S				
			145	D				
	[145/142]	L [120]	145	S				
			142	D				
12 R 22.5	152/148	G [90], K [110], L [120]	152	S				
			148	D				
	[150/145]	L [120]	150	S				
			145	D				

1) Only available for Greece and Italy.

6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
	6050	6230	6410	6580	6760	6930	7100			
	10740	11050	11370	11680	11990	12300	12600			
	6390	6580	6770	6950	7140	7320	7500			
	11080	11400	11730	12050	12370	12690	13000			
	6390	6580	6770	6950	7140	7320	7500			
	11420	11750	12090	12420	12750	13080	13400			
		6850	7050	7240	7440	7630	7820	8000		
		11480	11800	12130	12450	12770	13090	13400		
				7350	7550	7740	7930	8130	8320	8500
				13820	14190	14560	14920	15280	15640	16000
		4800	4940	5070	5210	5340	5470	5600		
		9080	9340	9600	9850	10100	10350	10600		
		5400	5550	5700	5860	6010	6160	6300		
		9940	10220	10500	10780	11060	11330	11600		
		4970	5110	5250	5390	5530	5670	5800		
		9080	9340	9600	9850	10100	10350	10600		
			6260	6430	6600	6770	6940	7100		
			11100	11400	11710	12010	12310	12600		
	5850	6030	6200	6370	6540	6700				
	10130	10430	10730	11020	11310	11600				

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

The air pressure levels given are for normal operating conditions. Under variant conditions [such as increased load], please contact your local Bridgestone customer services representative.

Bridgestone cannot be held liable for any loss or damage for any tyre pressure below either the recommendation of Bridgestone or that specified by the vehicle manufacturer.

TECHNICAL DATA CHART

Size	Load index	Speed symbol (km/h)	BAR		5.50	5.75	6.00	6.25
			PSI		80	84	87	90
			LI	S/D				
13 R 22.5	156/150	L (120), G (90)	156	S				
		K (110)	150	D				
	154/150	K (110)	154	S				
		G (90)	150	D				
	158/156	G (90)	158	S				
			156	D				
24"								
95 SERIES								
325/95 R 24	162/160	K (110)	162	S				
			160	D				
STANDARD SERIES								
12.00 R 24	156/153	K (110)	156	S				
			153	D				

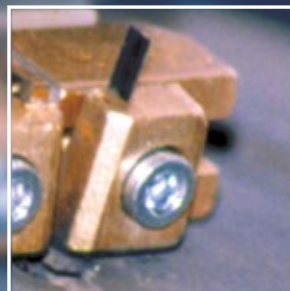
6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
94	98	102	106	109	112	116	120	123	127	131
				7080	7260	7450	7640	7820	8000	
				11850	12170	12480	12790	13100	13400	
			6610	6790	6970	7150	7330	7500		
			11800	12130	12450	12770	13090	13400		
				7350	7550	7740	7930	8130	8320	8500
				13820	14190	14560	14920	15280	15640	16000
			8370	8600	8830	9060	9280	9500		
			15850	16290	16720	17150	17580	18000		
6950	7170	7380	7590	7800	8000					
12690	13080	13460	13850	14230	14600					

Note: Loads indicated are based on the ETRTO standards and rounded down to the nearest 5kg.

The air pressure levels given are for normal operating conditions. Under variant conditions (such as increased load), please contact your local Bridgestone customer services representative.

Bridgestone cannot be held liable for any loss or damage for any tyre pressure below either the recommendation of Bridgestone or that specified by the vehicle manufacturer.

Notes



REGROOVING BOOK 2022

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RECOMMENDATIONS FOR REGROOVING BRIDGESTONE STEEL RADIAL TYRES FOR TRUCKS AND BUSES

INTRODUCTION

Regrooving Bridgestone steel radial tyres for trucks and buses will ensure longer serviceability of your tyres.

Check that the word "REGROOVABLE" is molded on the tyre sidewall. If it is not, under no circumstances should regrooving be attempted.

GUIDELINES

1. Tyre must be demounted from the rim before regrooving.
2. Inspection:
 - a) Before regrooving, check to see that there is no damage on any part of the tyre, i.e. tread, shoulders, sidewalls, beads and inner liner.
 - b) Remove stones which may have become embedded in the grooves, and other foreign objects such as nails from the tread. Repair if necessary.
 - c) Particular care should be exercised when selecting a tyre for regrooving if the tread area is in any way damaged, e.g. by chipping, tearing and cutting due to abnormal operating conditions.
 - d) Where a tyre has worn abnormally, it may be possible to regroove just that part of the worn tyre provided a sufficient portion of the original groove is visible before regrooving.
3. It is recommended that the minimum remaining tread depth be 3mm before regrooving.
The tread depth should be measured around the circumference at four places to find the minimum remaining depth. Set the cutter blade according to the recommendations shown in this publication.
4. Please ensure that you regroove your Bridgestone steel radials to the patterns, depths and widths recommended in this publication to ensure the good service of your tyres.
5. After regrooving, check that your tyre is free from defects. It is most important to ensure that the belts under the tread have not been exposed.
6. As the number of profile grooves and tread design may vary depending on the dimensions, please contact your local Bridgestone customer services representative for further regrooving information.

LEGISLATION

Local legislation applies regarding the use of regrooved tyres on vehicles.

Please refer to your local Bridgestone customer services representative or log on to www.bridgestone.eu and select your country of operations.

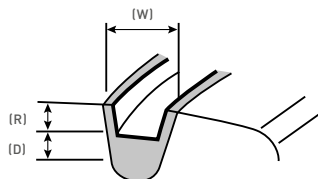
Example:

Minimum remaining tread depth = 3 mm (R)

Recommended regrooving depth = 3 mm (D)

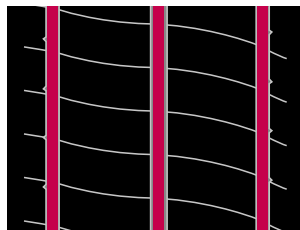
Depth to which cutter blade is set = 6 mm (R+D)

Recommended regrooving width = W



ECOPIA H-STEER 002 | ECOPIA H-STEER 002 EVO

HIGHWAY - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
------	--------------------------	--------------------------

ECOPIA H-STEER 002

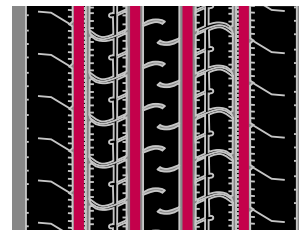
295/80 R 22.5	2.5	7.0 - 8.0
315/80 R 22.5	2.5	10.0 - 11.0
315/70 R 22.5	2.5	10.0 - 11.0
385/65 R 22.5	3.0	10.0 - 11.0
315/60 R 22.5	4.0	7.0 - 8.0
385/55 R 22.5	2.0	10.0 - 11.0
355/50 R 22.5	4.5	10.0 - 11.0

ECOPIA H-STEER 002 EVO

385/65 R 22.5	4.0	10.0 - 11.0
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R249 Ecopia

HIGHWAY - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
------	--------------------------	--------------------------

295/80 R 22.5	3.0	7.0 - 8.0
315/80 R 22.5	3.0	7.0 - 8.0
275/70 R 22.5	2.5	6.0 - 7.0
305/70 R 22.5	2.5	7.0 - 8.0
315/70 R 22.5	2.5	7.0 - 8.0
385/65 R 22.5	3.0	8.0
295/60 R 22.5	4.0	7.0 - 8.0
385/55 R 22.5	3.0	7.0 - 8.0

R249 EVO Ecopia | R249II EVO Ecopia

HIGHWAY - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
R249 EVO		
315/70 R 22.5	4.0	7.0 - 8.0
R249II EVO Ecopia		
355/50 R 22.5	3.0	7.0 - 8.0

R294

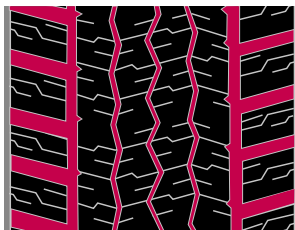
HIGHWAY - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
275/80 R 22.5	2.5	7.0 - 8.0
255/70 R 22.5	3.0	6.0 - 7.0

ECOPIA H-DRIVE 002

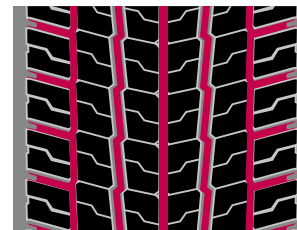
HIGHWAY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	2.5	7.0 - 8.0
315/80 R 22.5	2.5	7.0 - 8.0
315/70 R 22.5	2.5	7.0 - 8.0
295/60 R 22.5	2.5	7.0 - 8.0
315/60 R 22.5	2.5	7.0 - 8.0

M749 | M749 Ecopia

HIGHWAY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.0	7.0 - 8.0
315/80 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	3.0	7.0 - 8.0
295/60 R 22.5	2.5	7.0 - 8.0
315/60 R 22.5	2.5	7.0 - 8.0
315/45 R 22.5 ¹⁾	2.5	7.0 - 8.0

1) Available in non Ecopia specification.

GREATEC M709 Ecopia

HIGHWAY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
495/45 R 22.5	3.8	7.0 - 8.0

M711

HIGHWAY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
11 R 22.5	2.5	7.0 - 8.0

ECOPIA H-TRAILER 002

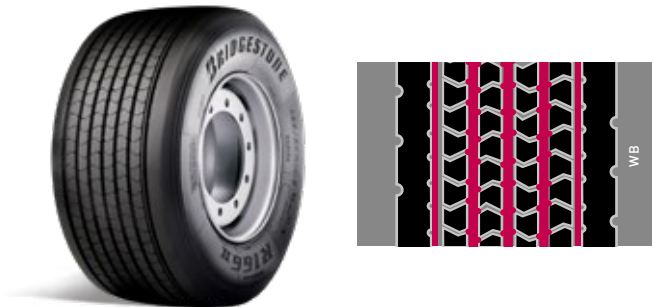
HIGHWAY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
445/45 R 19.5	3.0	8.0
385/65 R 22.5	2.0	7.0 - 8.0
385/55 R 22.5	2.5	7.0 - 8.0

R166II

HIGHWAY - TRAILER

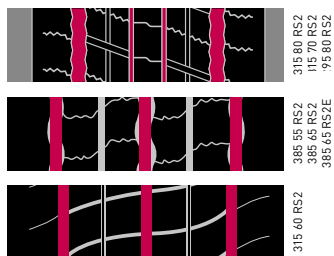


Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
435/50 R 19.5	3.0	7.0 - 9.0



DURAVIS R-STEER 002 | DURAVIS R-STEER 002 EVO

VERSATILITY - STEER



Size | D: Regrooving depth (mm) | W: Regrooving width (mm)

DURAVIS R-STEER 002

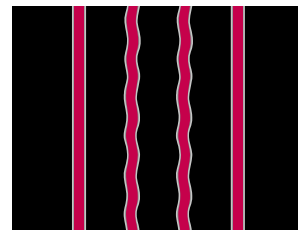
295/80 R 22.5	4.0	8.0 - 10.0
315/80 R 22.5	3.0	8.0 - 10.0
315/70 R 22.5	3.5	8.0 - 10.0
385/65 R 22.5	3.0	8.0 - 10.0
315/60 R 22.5	4.0	8.0 - 10.0
385/55 R 22.5	2.0	11.0 - 13.0

DURAVIS R-STEER 002 EVO

385/65 R 22.5	3.5	8.0 - 10.0
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R-STEER 001 | R-STEER 001 EVO

VERSATILITY - STEER



Size | D: Regrooving depth (mm) | W: Regrooving width (mm)

R-STEER 001

295/80 R 22.5	4.0	7.0 - 8.0
315/80 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	3.0	7.0 - 8.0
385/65 R 22.5	3.0	8.0
315/60 R 22.5	3.0	7.0 - 8.0

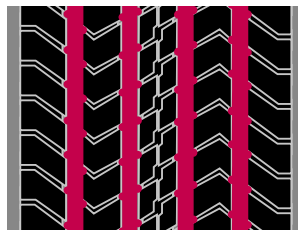
R-STEER 001 EVO

385/65 R 22.5	3.0	8.0
---------------	-----	-----

Narrow groove regrooving width 2.0 mm regrooving depth remains same as wider groove.

R297

VERSATILITY - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
11 R 22.5	2.5	7.0 - 8.0
12 R 22.5	2.5	7.0 - 8.0
13 R 22.5	4.0	7.0 - 8.0
295/80 R 22.5	2.5	7.0 - 8.0
315/80 R 22.5	2.5	7.0 - 8.0
275/70 R 22.5	2.0	7.0 - 8.0
315/70 R 22.5	2.0	7.0 - 8.0

R297 EVO

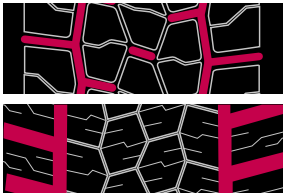
VERSATILITY - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
315/70 R 22.5	4.0	7.0 - 8.0

DURAVIS R-DRIVE 002

VERSATILITY - DRIVE



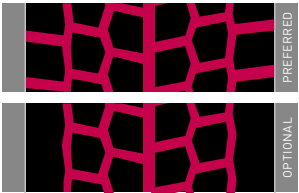
315/80 R 22.5
305/70 R 22.5
315/70 R 22.5
295/80 R 22.5

315/60 RD2
295/60 RD2

Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.5	7.0 - 9.0
315/80 R 22.5	2.5	7.0 - 9.0
305/70 R 22.5	2.5	7.0 - 9.0
315/70 R 22.5	3.0	7.0 - 9.0
295/60 R 22.5	2.5	7.0 - 9.0
315/60 R 22.5	2.5	7.0 - 9.0

R-DRIVE 001

VERSATILITY - DRIVE



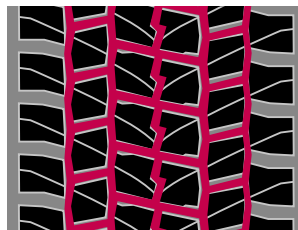
PREFERRED

OPTIONAL

Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.0	7.0 - 8.0
315/80 R 22.5	4.0	7.0 - 8.0
315/70 R 22.5	3.0	7.0 - 8.0
295/60 R 22.5	2.5	5.0
315/60 R 22.5	2.5	5.0

R-DRIVE 001 PLUS

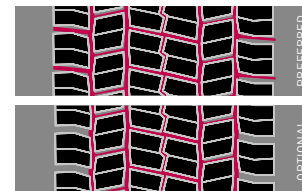
VERSATILITY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.0	7.0 - 8.0
315/80 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	3.0	7.0 - 8.0

M729

VERSATILITY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
13 R 22.5	2.5	7.0 - 8.0
295/80 R 22.5	2.5	5.0
315/80 R 22.5	3.0	8.0 - 9.0
275/70 R 22.5	2.9	6.0 - 7.0
305/70 R 22.5	2.0	7.0 - 8.0
315/70 R 22.5	2.8	8.0 - 9.0

M730

VERSATILITY - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.0	7.0 - 8.0
315/80 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	3.0	7.0 - 8.0

DURAVIS R-TRAILER 002 | DURAVIS R-TRAILER 002 EVO

VERSATILITY - TRAILER

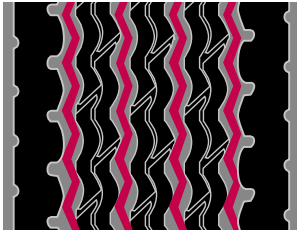


Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
DURAVIS R-TRAILER 002		
385/65 R 22.5	3.5	11.0 - 13.0
385/55 R 22.5	4.0	14.0 - 16.0
DURAVIS R-TRAILER 002 EVO		
385/65 R 22.5	3.0	14.0 - 16.0

Narrow groove regrooving width 2.0 mm regrooving depth remains same as wider groove.

R168 | R168PLUS

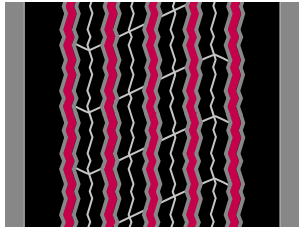
VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
R168		
385/55 R 22.5	3.0	7.0 - 8.0
R168PLUS		
385/65 R 22.5	3.0	7.0 - 8.0

R179+

VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
385/65 R 22.5	3.0	7.0 - 8.0



R179

VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
385/65 R 22.5	2.5	5.0 - 7.0

R164

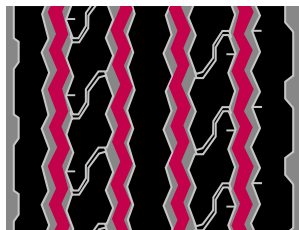
VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
385/65 R 22.5	3.0	8.0 max.
425/65 R 22.5	3.0	8.0 - 9.0
445/65 R 22.5	3.0	9.0 - 10.0

R180

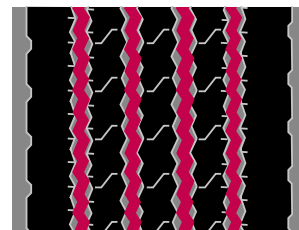
VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
10 R 17.5	2.5	7.0 - 8.0

R184

VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
205/80 R 15	2.5	7.0 - 8.0
315/80 R 22.5	3.5	7.0 - 8.0
275/70 R 22.5	3.0	7.0 - 8.0

R187

VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
7.5 R 15	2.0	6.0 - 7.0
8.25 R 15	2.0	6.0 - 7.0
11 R 22.5	4.0	7.0 - 8.0

R168

VERSATILITY - TRAILER

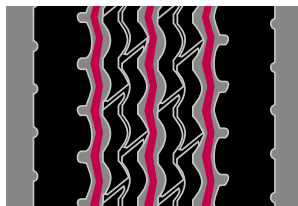


Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
9.5 R 17.5 ¹⁾	3.5	7.0 - 8.0
205/65 R 17.5	2.5	7.0 - 8.0

1) R168 pattern.

R-TRAILER 001

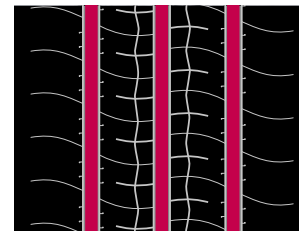
VERSATILITY - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
205/65 R 17.5	Available soon	Available soon
215/75 R 17.5	3.5	7.0 - 8.0
235/75 R 17.5	3.0	7.0 - 8.0
245/70 R 17.5	2.5	7.0 - 8.0
245/70 R 19.5	2.5	7.0 - 8.0
265/70 R 19.5	4.0	7.0 - 8.0
285/70 R 19.5	3.5	7.0 - 8.0

R-STEER 002

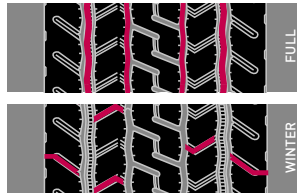
LIGHT & MEDIUM TRUCKS - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
205/75 R 17.5	2.0	6.0 - 7.0
215/75 R 17.5	2.0	6.0 - 7.0
225/75 R 17.5	3.0	7.0 - 8.0
235/75 R 17.5	2.0	7.0 - 8.0
245/70 R 17.5	2.0	7.0 - 8.0
265/70 R 17.5	2.0	7.0 - 8.0
245/70 R 19.5	2.0	7.0 - 8.0
265/70 R 19.5	2.0	7.0 - 8.0
285/70 R 19.5	2.5	7.0 - 8.0

M788

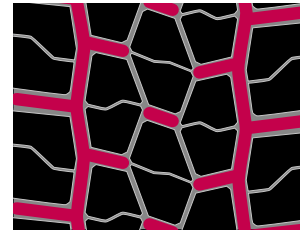
LIGHT & MEDIUM TRUCKS - STEER/DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
205/75 R 17.5	2.0	7.0 - 8.0
215/75 R 17.5	2.5	7.0 - 8.0
225/75 R 17.5	3.0	7.0 - 8.0
265/70 R 19.5	2.0	7.0 - 8.0
285/70 R 19.5	2.0	7.0 - 8.0

R-DRIVE 002

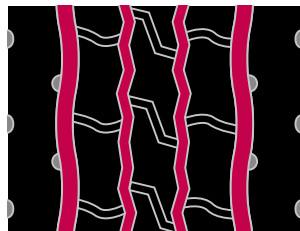
LIGHT & MEDIUM TRUCKS - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
205/75 R 17.5	2.0	6.0 - 7.0
215/75 R 17.5	2.0	6.0 - 7.0
225/75 R 17.5	2.0	7.0 - 8.0
235/75 R 17.5	2.0	7.0 - 8.0
245/70 R 17.5	2.0	7.0 - 8.0
265/70 R 17.5	2.0	7.0 - 8.0
245/70 R 19.5	2.0	7.0 - 8.0
265/70 R 19.5	2.0	7.0 - 8.0
285/70 R 19.5	2.0	7.0 - 8.0

M-STEER 001

MILD ON/OFF ROAD - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
13 R 22.5	4.0	8.0
295/80 R 22.5	4.0	8.0
315/80 R 22.5	4.0	8.0 max
385/65 R 22.5	4.0	8.0

M-DRIVE 001

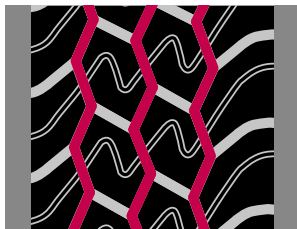
MILD ON/OFF ROAD - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
13 R 22.5	4.0	7.0 - 8.0
295/80 R 22.5	4.0	8.0
315/80 R 22.5	4.0	8.0

M-TRAILER 001 PLUS

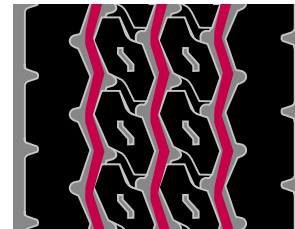
MILD ON/OFF ROAD - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
385/65 R 22.5	4.0	7.0 - 8.0

M840 | M840 EVO | M840 EXTRA

SEVERE ON/OFF ROAD - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
M840		
10 R 17.5	3.0	6.0 max.
10 R 22.5	3.0	8.0 max.
11 R 22.5	4.0	8.0 max.
12 R 22.5	4.0	8.0 max.
295/80 R 22.5	3.0	8.0 max.
275/70 R 22.5	4.0	6.0 max.
M840 EVO		
13 R 22.5	4.0	8.0 max.
315/80 R 22.5	4.0	8.0 max.
M840 EXTRA		
325/95 R 24	3.5	7.0 - 8.0

L317 EVO

SEVERE ON/OFF ROAD - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
13 R 22.5	4.0	7.0 - 8.0

L355 EVO

SEVERE ON/OFF ROAD - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
13 R 22.5	4.0	7.0 - 8.0
315/80 R 22.5	4.0	8.0



M748 | M748 EVO

SEVERE ON/OFF ROAD - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
M748		
425/65 R 22.5	3.0	8.0 - 9.0
445/65 R 22.5	3.0	9.0 - 10.0
M748 EVO		
385/65 R 22.5	4.0	7.0 - 8.0

M844

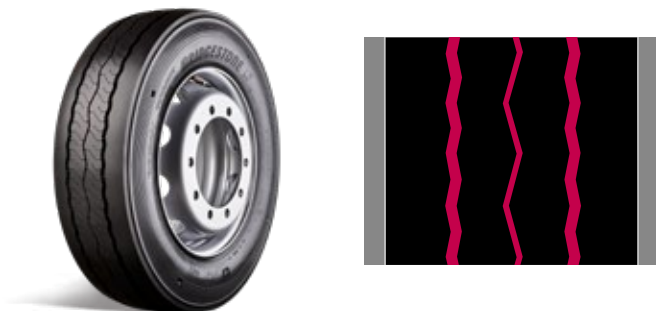
SEVERE ON/OFF ROAD - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
445/65 R 22.5	3.0	7.0 - 8.0

U-AP 002

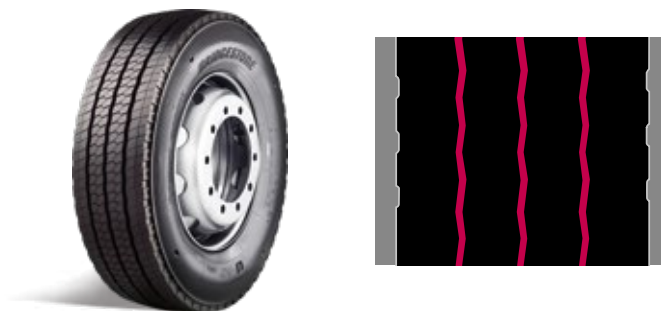
URBAN BUS - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
215/70 R 17.5	2.0	6.0 - 7.0
245/70 R 19.5	3.0	4.0 - 6.0
265/70 R 19.5	2.0	7.0 - 8.0
275/70 R 22.5	3.0	7.0 - 8.0
315/60 R 22.5	5.0	8.0 - 10.0

U-AP 001

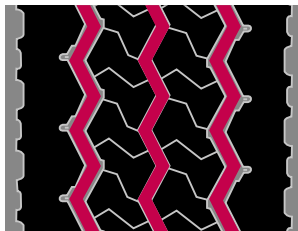
URBAN BUS - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
245/70 R 19.5	3.0	8.0
275/70 R 22.5	3.0	7.0 - 8.0

R192

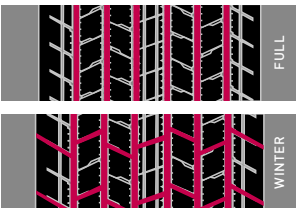
URBAN BUS - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
12 R 22.5	3.0	8.0
295/80 R 22.5	2.5	7.0 - 8.0
305/70 R 22.5	3.0	7.0 - 8.0

GREATEC R173

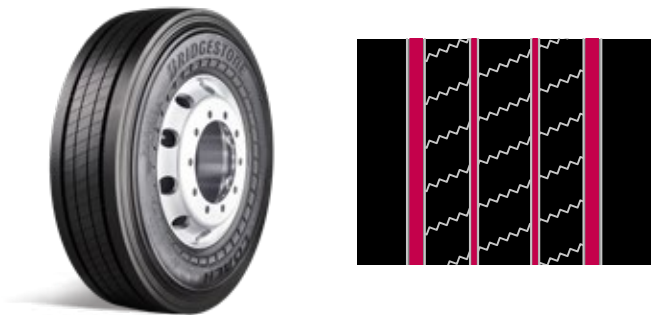
URBAN BUS - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
455/45 R 22.5	3.0	7.0 - 8.0

COACH-AP 001

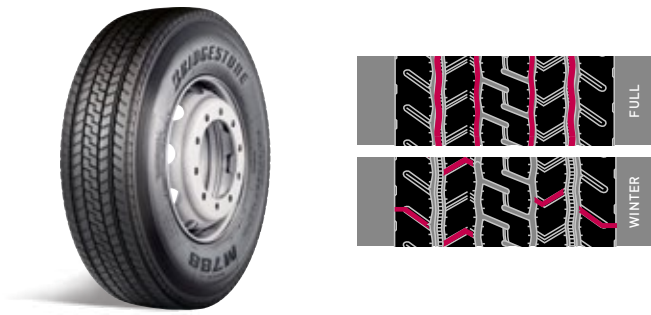
COACH - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.0	12.0

M788

COACH - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
315/80 R 22.5	3.0	8.0
275/70 R 22.5	2.0	7.0 - 8.0
315/70 R 22.5	2.0	7.0 - 8.0



M788 EVO

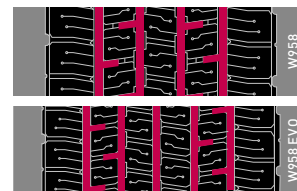
COACH - ALL POSITION



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.0	8.0

W958 | W958 EVO

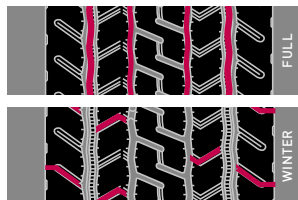
WINTER - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
W958		
295/80 R 22.5	4.0	7.0 - 8.0
315/80 R 22.5	4.0	7.0 - 8.0
275/70 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	3.5	7.0 - 8.0
385/65 R 22.5	4.0	7.0 - 8.0
385/55 R 22.5	3.0	7.0 - 8.0
W958 EVO		
295/80 R 22.5	4.0	7.0 - 8.0
315/70 R 22.5	4.0	7.0 - 8.0
385/65 R 22.5	4.0	7.0 - 8.0

RW-STEER 001 | RW-STEER 001 EVO

WINTER - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
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RW-STEER 001

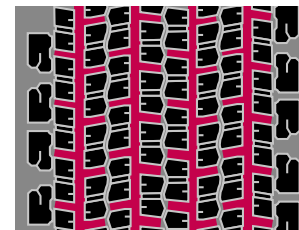
385/65 R 22.5	4.0	5.0
385/55 R 22.5	3.0	5.0 - 6.0

RW-STEER 001 EVO

385/55 R 22.5	3.0	5.0 - 6.0
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NORDIC-DRIVE 001

WINTER - STEER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
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295/80 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	1.0	7.0 - 8.0
315/80 R 22.5	4.0	7.0 - 8.0
275/70 R 22.5	3.0	7.0 - 8.0

RW-DRIVE 001

WINTER - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
295/80 R 22.5	3.5	7.0 - 8.0
315/80 R 22.5	4.0	7.0 - 8.0
275/70 R 22.5	3.0	7.0 - 8.0
315/70 R 22.5	3.5	7.0 - 8.0
315/60 R 22.5	3.5	7.0 - 8.0

W990

WINTER - DRIVE



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
315/80 R 22.5	4.0	5.0 - 7.0

M852

WINTER - TRAILER



Size	D: Regrooving depth (mm)	W: Regrooving width (mm)
265/70 R 19.5	4.0	8.0 max
285/70 R 19.5	4.0	8.0 max

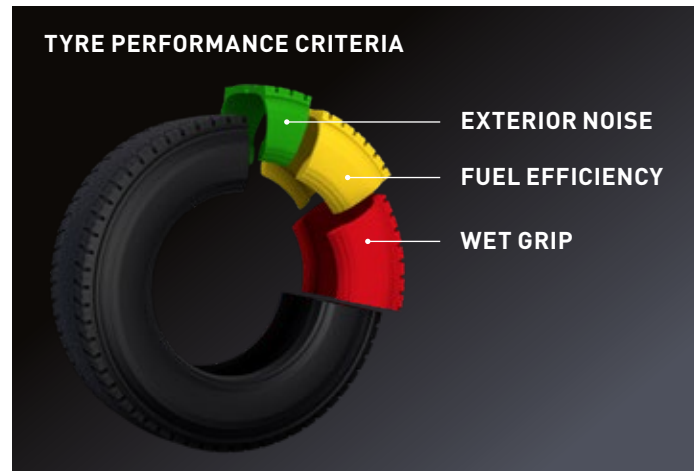


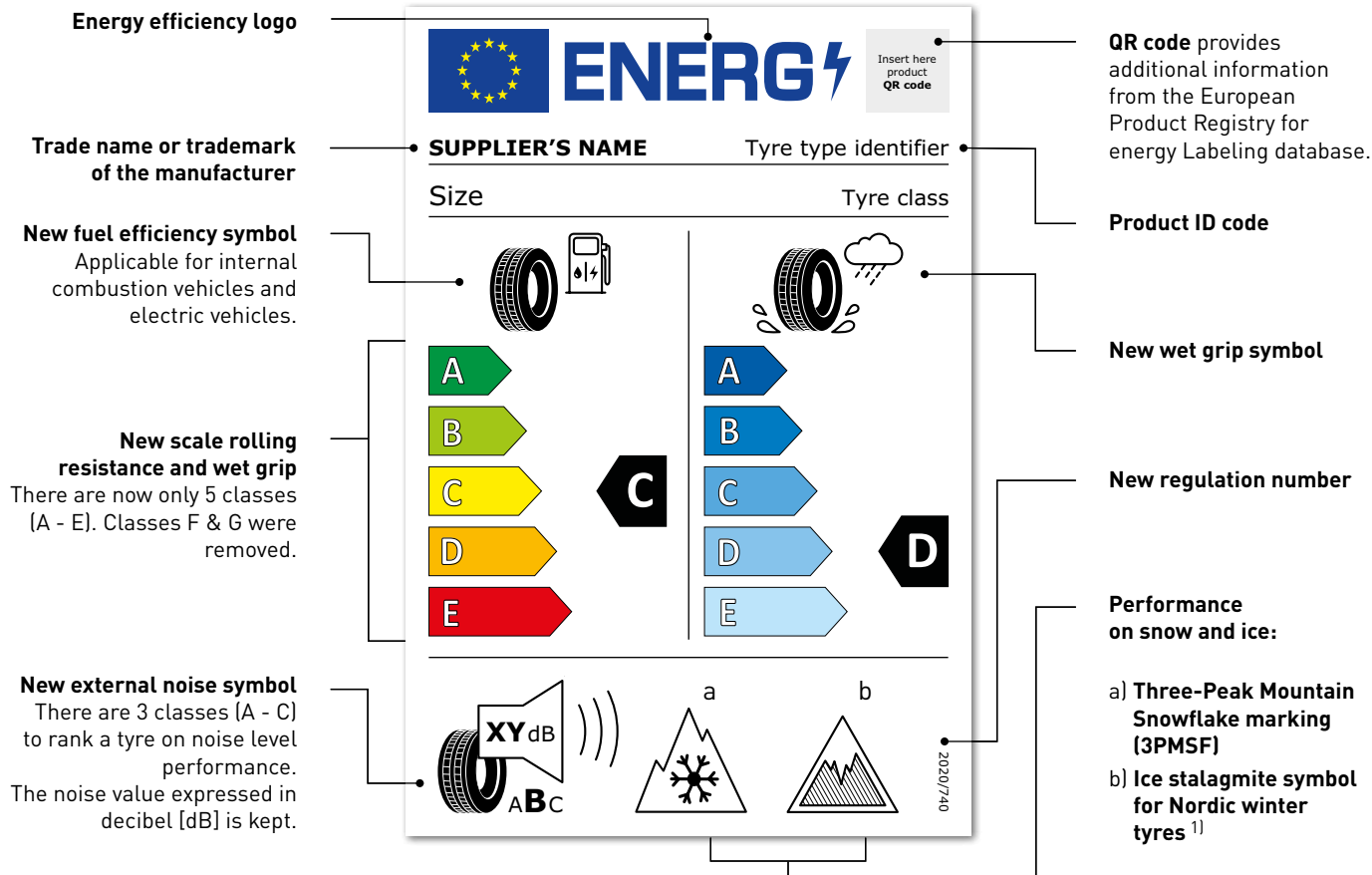




— EUROPEAN TYRE LABEL REGULATION

Since 1 May 2021, all passenger and truck and bus tyres placed in the European Union (EU) market must have a new official EU Tyre Label. The new EU Tyre Label contains information about a tyre's exterior noise, fuel efficiency, wet grip and when applicable, snow and ice performances.





1) ICE stalagmite symbol is not applicable for truck and bus (C3) and light truck (C2) segment.



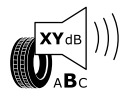
EXTERIOR NOISE

From A (quietest)
to C (least quiet)

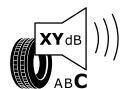
Exterior noise level is measured in decibels (dB) and compared with the European limits introduced in 2016 for the exterior tyre noise.



Class A
3dB below the
European limit



Class B
Compliant with the
European limit



Class C
Compliant with old
European limits

Note: Exterior noise is not related
to interior vehicle noise.



FUEL EFFICIENCY

From A (most efficient)
to E (least efficient)

Rolling resistance is one tyre factor that can affect a vehicle's fuel consumption. The lower the rolling resistance, the less fuel is required, and fewer carbon emissions generated.

Fuel consumption classification



Note: When it comes to saving fuel, proper tyre maintenance is essential. The exact values depend on the type of vehicle, road conditions and your driving style. Eco-driving can significantly reduce fuel consumption. For more information, visit the European Commission website: https://ec.europa.eu/info/energy-climate-change-environment/standards-tools-and-labels/products-labelling-rules-and-requirements/energy-label-and-ecodesign/energy-efficient-products/tyres_en

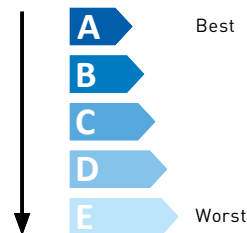


WET GRIP

From A (best)
to E (worst)

Braking response is essential for tyre performance and is critical to tyre safety throughout the year, especially in the winter. The wet grip label classifies a tyre based on how well it improves a car's braking and handling in wet road conditions.

Braking distance classification



Note: Several other factors can affect driving in wet and dry conditions. Distances may vary depending on the tyre and road conditions.



SNOW GRIP

The 3PMSF marking indicates a tyre can perform in severe snow conditions according to the minimum snow grip index values set by UNECE Regulation 117.

ALPHABETICAL INDEX

PATTERN	SPECIFICATION	REGROOVING	PATTERN	SPECIFICATION	REGROOVING
BLIZZAK LM-32C	83	-	GREATEC R173	67	130
BLIZZAK W810	82	-	L317 EVO	59	127
BLIZZAK W995	84	-	L317 EXTRA	59	-
COACH-AP 001	70	131	L355 EVO	60	127
DURAVIS All Season	81	-	M-STEER 001	54	125
DURAVIS R-STEER 002	36	114	M-DRIVE 001	55	125
DURAVIS R-STEER 002 EVO	36	114	M-TRAILER 001 PLUS	56	126
DURAVIS R-DRIVE 002	38	116	M748	61	128
DURAVIS R-DRIVE 002 EVO	38	116	M748 EVO	61	128
DURAVIS R-TRAILER 002	39	118	M749	31	111
DURAVIS R-TRAILER 002 EVO	39	118	M788	51	124 / 131
DURAVIS R660 / R660ECO	80	-	M840	58	126
ECOPIA H-STEER 002	26	109	M840 EVO	58	126
ECOPIA H-STEER 002 EVO	26	109	M840 EXTRA	58	126
ECOPIA H-DRIVE 002	30	111	M844	62	128
ECOPIA H-TRAILER 002	33	113	M852	77	135
GREATEC M709 Ecopia	32	112	NORANZA VAN 001	85	-

PATTERN	SPECIFICATION	REGROOVING
NORDIC-DRIVE 001	74	134
R-STEER 002	50	123
R-DRIVE 002	52	124
R164	43	120
R166II	34 / 40	113
R168	47	122
R179+	42	119
R179	41	120
R180	44	121
R184	45	121
R187	46	122
R192	66	130
R249 Ecopia	27	109
R249II EVO Ecopia	28	110
R294	29	110
R297	37	115
R-TRAILER 001	48	123

PATTERN	SPECIFICATION	REGROOVING
RW-STEER 001	73	133
RW-STEER 001 EVO	73	133
RW-DRIVE 001	75	134
U-AP 002	64	129
U-AP 001	65	129
W958	72	132
W958 EVO	72	132
W990	76	135

— ADDRESSES



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