







BRIDGESTONE TRUCK & BUS
TYRE RANGE 2013



	Highway Use page 4	Regional Use page 8	On/Off Road Use page 12	Off Road Use page 14
				
Steer	ECOPIA H-STEER 001 R249 Ecopia R249 EVO Ecopia R294	R-STEER 001 R297 R297 EVO R227 M788**	M840	L317
Drive	ECOPIA H-DRIVE 001 M749 Ecopia GREATEC M709 Ecopia M730 M711	R-DRIVE 001 M729 M730 M788**	L355 M840	L317
Trailer	R109 Ecopia* R166II R164* R184 R187	R168* R166II R164* R180 R184 R187	M748 M840 M844	L317

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Urban Use

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**Winter Use**

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R192
M788
M788 EVO

M788 EVO
M788

W958
M788

R192
M788
M788 EVO
GREATEC R173

M788 EVO
M788

W990
W970

M852

* 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. 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.

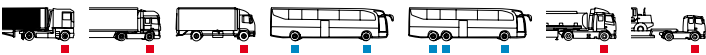
** 17.5" and 19.5" sizes of M788 can be used in regional applications for light trucks.



Highway - New Ecopia line-up reduces fuel consumption and carbon emissions - without compromising tyre performance levels.

NEW ECOPIA H-STEER 001 - steer

- Great fuel saving potential.
- Low environmental impact.
- Low rolling resistance NanoPro-Tech™ compound.



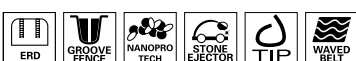
R249 Ecopia - steer

- Fuel efficient steer tyre.
- Low rolling resistance NanoPro-Tech™ compound.
- No compromise on durability, irregular wear resistance and wet performance.



R249 EVO Ecopia - steer

- Higher* load capacity steer sizes developed in the frame of EURO V and VI introduction.
- Performances are proven identical to the normal Load Index spec.



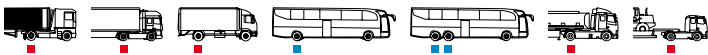
R294 - steer

- Steer axle tyre for highway use.



NEW ECOPIA H-DRIVE 001 - drive

- Great fuel saving potential.
- Low environmental impact.
- Low rolling resistance NanoPro-Tech™ compound.



M749 Ecopia - drive

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



GREATEC M709 Ecopia - drive

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



* Compared to Bridgestone dual fitment

M730 - drive

- Robust, durable drive tyre specially designed for retarder trucks.
- Directional pattern offers superior durability and even wear.



M711 - drive

- Proven drive tyre for long distance highway use.



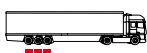
R109 Ecopia - trailer

- Fuel efficient trailer tyre.
- Slim Bead technology reducing rolling resistance and weight (only for 65 series).
- Waved Belt™ and Turn-in-Ply technologies for superior durability (only for 55 series).
- No compromise on durability, irregular wear resistance and wet performance.



R166II - trailer

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



R164 - trailer

- Wide base trailer tyre for ON road use.



R184 - trailer

- All position tyre for ON road.



R187 - trailer

- All position tyre for ON road.





Regional - Featuring specially designed broad-shouldered flanks, stone-ejecting treads and many other state of the art innovations, these tyres are built for impressive mileage in the rough and ready world of regional/national transport.

NEW R-STEER 001 - steer

- Versatile multipurpose steer tyre for usage in a broad range of conditions.
- High resistance against irregular wear.
- Excellent durability and retreadability.



R297 - steer

- 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.



R297 EVO - steer

- Higher* load capacity steer sizes developed in the frame of EURO V and VI introduction.
- Performances are proven identical to the normal Load Index spec.



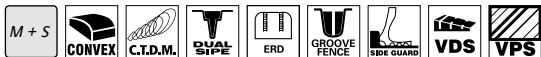
R227 - steer

- Medium-size steering tyre for light trucks and commercial vehicles.
- Uni-directional tread pattern for superior wet-weather handling.
- Low rolling resistance and superior mileage.
- Long tyre life with sidewall protection system.



M788 - steer/drive

- 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 kilometre.
- Thick tread gauge ideal for regrooving and retreading.



NEW R-DRIVE 001 - drive

- Excellent mileage performance.
- Versatile multipurpose drive tyre for usage in a broad range of conditions.
- Superb traction level.
- High resistance against irregular wear.
- Excellent durability and retreadability.



M729 - drive

- Medium to long-range drive tyre for regional use.
- Excellent wet and dry manoeuvrability.
- Easy to retread for lasting performance.
- Sidewall protector for superior durability (for 17.5" / 19.5").
- Slim Bead construction for size 295/80 R 22.5 only.



M730 - drive

- Robust, durable drive tyre specially designed for retarder trucks.
- Directional pattern protects against irregular wear.



R168 - trailer

- High-durability trailer tyre.
- Large footprint for uniform contact pressure.
- Highly resistant to irregular wear.
- Long lifespan through penetration protection.
- Durable casings for excellent retreadability.
- Slim Bead construction for size 385/65 R 22.5 only.



R166II - trailer

- Low profile, single fitment tyre for wide base mega trailers.
- Stone Ejectors system for excellent durability.
- Superior durability over long distance highway use.
- Resists irregular wear for long life and excellent fuel economy.
- Low-noise tread design with innovative groove fence.



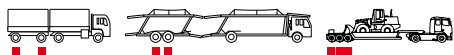
R164 - trailer

- Wide base trailer tyre for ON road use.



R180 - trailer

- All position tyre mainly targeted for regional operation.



R184 - trailer

- All position tyre for ON road.



R187 - trailer

- All position tyre for ON road.





On/Off road - Bridgestone ON and 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.

M840 - all position

- 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 kilometre.



L355 - drive

- 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.



M748 - trailer

- Trailer tyre for On and Off road use.
- Highly durable tread and casing compounds.
- Excellent retreadability for extended lifespan.



M844 - trailer

- 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 kilometre.

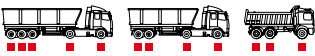




Off road - Off road Truck Tyres are made to withstand the punishing conditions of a major building site. These tyres offer formidable resistance to chipping, cutting and bruising. Even the side walls get extra protection so the result is a long-lived, reliable workhorse.

L317 - all position

- Off road all position tyre for mining and logging vehicles.
- Extra deep tread for long life and superior traction.





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

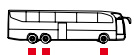
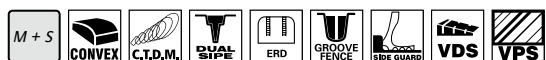
R192 - all position

- All position bus tyre for urban use.
- Excellent sidewall protection minimises scuff damage and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometre.
- Thick tread gauge for easy regrooving and retreading.



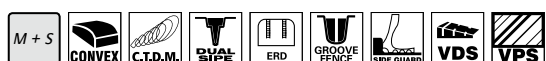
M788 - all position

- All position bus and coach tyre for all-season use.
- Sidewall protector minimises scuff damage and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometre.
- Thick tread gauge for easy regrooving and retreading.



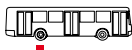
M788 EVO - all position

- All position bus and coach tyre for all-season use.
- Sidewall protector minimises scuff damage and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometre.
- Thick tread gauge for easy regrooving and retreading.
- Increased load capacity.



GREATEC R173 - drive

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

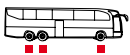
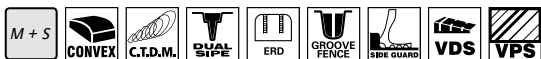




Coach - Coach Tyres are specially designed for use by luxury coaches in international travel where road conditions can change radically along the way and safety is a priority. A great deal of research has gone into giving them “all-season” and all-hub capabilities as well as making them as quiet as possible.

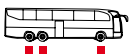
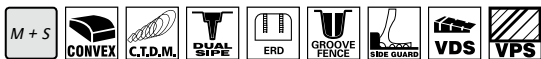
M788 EVO - all position

- All position bus and coach tyre for all-season use.
- Sidewall protector minimises scuff damage and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometre.
- Thick tread gauge for easy regrooving and retreading.
- Increased load capacity.



M788 - all position

- All position bus and coach tyre for all-season use.
- Sidewall protector minimises scuff damage and abrasion from kerb.
- Extra deep tread for long tyre life and low cost per kilometre.
- Thick tread gauge for easy regrooving and retreading.





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.

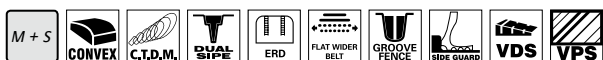
W958 - steer

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



M788 - steer

- Regular winter tyre for superior low-temperature performance.
- Advanced tread design for outstanding traction in the wet.
- Durable tread compounds for extended tyre life.



W990 - drive

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



W970 - drive






























- Severe winter truck and bus tyre for drive axle applications.
- “Multicell” tread compound with microscopic pores for superior traction.
- Outstanding braking and stability even in severe ice and snow.
- Low-noise tread design for superior comfort and mileage.
- Anti-slip blocks for excellent stability and wet-weather handling.




M852 - trailer

- 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.

























Pattern	Size	Load index	Speed symbol			
Highway						
ECOPIA H-STEER 001	315/70 R 22.5	156/150	L	B	C	 71 dB
		154/150	M			
R249 Ecopia	275/70 R 22.5	148/145	M	C	C	 72 dB
	295/60 R 22.5	150/147	L	D	C	 72 dB
	295/80 R 22.5	152/148	M	C	C	 72 dB
	305/70 R 22.5	150/148	M	D	C	 69 dB
		152/148	L			
	315/60 R 22.5	152/148	L	D	C	 71 dB
	315/70 R 22.5	152/148	M	C	B	 73 dB
		154/150	L			
	315/80 R 22.5	154/150	M	C	C	 72 dB
		156/150	L			
	385/55 R 22.5	160	K	D	C	 72 dB
		158	L			
	385/65 R 22.5	160	K	C	B	 74 dB
		158	L			
R249 EVO Ecopia	315/60 R 22.5	154/148	L	D	C	 70 dB
	315/70 R 22.5	156/150	L	D	C	 71 dB
		154/150	M			
	355/50 R 22.5 ²	156	J	D	C	 71 dB
R294	255/70 R 22.5	140/137	M	D	C	 70 dB
		140/140	L			
	275/80 R 22.5	148/144	M	E	C	 71 dB
ECOPIA H-DRIVE 001	315/70 R 22.5	154/150	L	C	C	 74 dB
		152/148	M			
M749 Ecopia	295/60 R 22.5	150/147	L	E	C	 74 dB
	295/80 R 22.5	152/148	M	D	C	 75 dB
	315/45 R 22.5 ²	147/145	L	E	D	 76 dB
	315/60 R 22.5	152/148	L	E	C	 75 dB
	315/70 R 22.5	152/148	M	D	B	 75 dB
		154/150	L			
	315/80 R 22.5	154/150	M	D	C	 75 dB
		156/150	L			
GREATEC M709 Ecopia	495/45 R 22.5	169	M	C	D	 73 dB
M730	295/80 R 22.5	152/148	M	F	C	 75 dB
	315/70 R 22.5	152/148	M	F	C	 75 dB
		154/150	L			
	315/80 R 22.5	154/150	M	F	C	 75 dB
		156/150	L			

































Pattern	Size	Load index	Speed symbol			
M711	11 R 22.5	148/145	L	E	D	 72 dB
R109 Ecopia	385/55 R 22.5 ³	158	L	C	D	 73 dB
		160	K			
	385/65 R 22.5 ³	158	L	C	C	 71 dB
		160	K			
R166II	435/50 R 19.5	160	J	D	C	 73 dB
R164	385/65 R 22.5 ³	160	K	C	C	 71 dB
		158	L			
	425/65 R 22.5	165	K	C	D	 70 dB
	445/65 R 22.5	169	K	C	C	 70 dB
R184	205/80 R 15 ⁴	124/122	J	E	C	 69 dB
	275/70 R 22.5	148/145	L	D	C	 71 dB
	315/80 R 22.5	154/149	M	D	C	 69 dB
R187	7.50 R 15 ⁴	135/133	J	E	C	 71 dB
	8.25 R 15 ⁴	143/141	J	D	C	 71 dB
	11 R 22.5	148/145	L	C	C	 72 dB
Regional						
R-STEER 001	315/80 R 22.5	156/150	L	D	B	 73 dB
		154/150	M			
R297	11 R 22.5	148/145	L	E	C	 72 dB
	12 R 22.5	152/148	L	D	B	 72 dB
	13 R 22.5	156/150	L	D	C	 71 dB
	275/70 R 22.5	148/145	K	D	C	 72 dB
	295/80 R 22.5	152/148	M	D	B	 73 dB
	315/70 R 22.5	152/148	M	D	B	 74 dB
		154/150	L			
	315/80 R 22.5	154/150	M	D	B	 73 dB
		156/150	L			
R297 EVO	315/70 R 22.5	156/150	L	D	C	 71 dB
		154/150	M			
R227	9.5 R 17.5	129/127	M	E	C	 72 dB
	205/75 R 17.5	124/122	M	D	C	 68 dB
	215/75 R 17.5	126/124	M	D	C	 73 dB
	225/75 R 17.5	129/127	M	D	C	 72 dB
	235/75 R 17.5	132/130	M	D	C	 71 dB
	245/70 R 17.5	136/134	M	D	C	 70 dB
	265/70 R 17.5	138/136	M	D	C	 70 dB
	245/70 R 19.5	136/134	M	D	C	 72 dB
	265/70 R 19.5	140/138	M	D	B	 71 dB
		138	M			

³ FRT marked tyre

⁴ Only applicable for trailer use

Pattern	Size	Load index	Speed symbol			
M788	285/70 R 19.5	145/143	M	C	C	 73 dB
	305/70 R 19.5	148/145	M	D	B	 71 dB
	205/75 R 17.5	124/122	M	F	C	 69 dB
	215/75 R 17.5	126/124	M	E	C	 68 dB
	225/75 R 17.5	129/127	M	E	C	 70 dB
	265/70 R 19.5	140/138	M	E	D	 71 dB
	285/70 R 19.5	146/144	M	E	C	 74 dB
	275/70 R 22.5	148/145	M	D	C	 72 dB
		152/148	E			
	315/70 R 22.5	152/148	M	D	C	 71 dB
		154/150	L			
	315/80 R 22.5	156/150	L	D	C	 74 dB
		154/150	M			
	385/65 R 22.5	160	K	E	C	 75 dB
		158	L			
R-DRIVE 001	315/80 R 22.5	156/150 L	L	D	C	 75 dB
		154/150 M	M			
M729	9.5 R 17.5	129/127	M	F	C	 74 dB
	205/75 R 17.5	124/122	M	E	D	 72 dB
	215/75 R 17.5	126/124	M	F	C	 74 dB
	225/75 R 17.5	129/127	M	E	C	 74 dB
	235/75 R 17.5	132/130	M	F	C	 74 dB
	245/70 R 17.5	136/134	M	F	C	 73 dB
	265/70 R 17.5	138/136	M	F	C	 73 dB
	245/70 R 19.5	136/134	M	F	D	 73 dB
	265/70 R 19.5	140/138	M	F	C	 71 dB
	285/70 R 19.5	145/143	M	E	C	 73 dB
	305/70 R 19.5	148/145	M	F	C	 73 dB
	12 R 22.5	152/148	L	¹		
	13 R 22.5	156/150	L	E	C	 73 dB
	275/70 R 22.5	148/145	M	E	C	 75 dB
	295/80 R 22.5	152/148	M	E	C	 73 dB
	305/70 R 22.5	150/148	M	F	C	 74 dB
	315/70 R 22.5	152/148	M	E	C	 77 dB
		154/150	L			
	315/80 R 22.5	154/150	M	E	C	 78 dB
		156/150	L			
M730	295/80 R 22.5	152/148	M	F	C	 75 dB
	315/70 R 22.5	152/148	M	F	C	 75 dB
		154/150	L			

Not in scope of regulation ¹Available in non Ecopia specification ²

Pattern	Size	Load index	Speed symbol			
R168	315/80 R 22.5	154/150	M	F	C	 75 dB
		156/150	L			
	9.5 R 17.5	143/141	J	D	C	 71 dB
	205/65 R 17.5	127/125	J	D	C	 70 dB
		129/129	F			
	215/75 R 17.5	135/133	J	D	C	 69 dB
	235/75 R 17.5	143/141	J	C	C	 69 dB
	245/70 R 17.5	143/141	J	C	C	 69 dB
		144/144	F			
	245/70 R 19.5	141/140	J	D	C	 70 dB
	265/70 R 19.5	143/141	J	D	B	 71 dB
	285/70 R 19.5	150/148	J	C	C	 71 dB
	385/55 R 22.5 ³	160	K	C	B	 74 dB
		158	L			
	385/65 R 22.5 ³	160	K	D	B	 71 dB
		158	L			
R166II	435/50 R 19.5	160	J	D	C	 73 dB
R164	385/65 R 22.5 ³	160	K	C	C	 71 dB
		158	L			
	425/65 R 22.5	165	K	C	D	 70 dB
	445/65 R 22.5	169	K	C	C	 70 dB
R180	10 R 17.5	134/132	L	D	D	 67 dB
R184	205/80 R 15 ⁴	124/122	J	E	C	 69 dB
	275/70 R 22.5	148/145	L	D	C	 71 dB
	315/80 R 22.5	154/149	M	D	C	 69 dB
R187	7.50 R 15 ⁴	135/133	J	E	C	 71 dB
	8.25 R 15 ⁴	143/141	J	D	C	 71 dB
	11 R 22.5	148/145	L	C	C	 72 dB
On/Off road						
M840	10 R 17.5 ⁴	143/141	J	E	D	 70 dB
	12.00 R 20	154/150	K	1		
		156/150	G			
	9 R 22.5	133/131	L	D	C	 72 dB
	10 R 22.5	144/142	K	D	B	 72 dB
	11 R 22.5	148/145	K	D	C	 72 dB
		145/142	L			
	12 R 22.5	152/148	K	D	C	 73 dB
		150/145	L			
	13 R 22.5	154/150	K	D	C	 72 dB
		156/150	G			
	275/70 R 22.5	148/145	K	E	C	 70 dB

³ FRT marked tyre

⁴ Only applicable for trailer use

Pattern	Size	Load index	Speed symbol			
	295/80 R 22.5	152/148	K	D	C	 72 dB
		150/145	L			
	315/80 R 22.5	156/150	K	D	C	 73 dB
		154/150	M			
		152/148 ⁹	L			
	12.00 R 24	156/153	K	D	C	 72 dB
	325/95 R 24 ⁵	162/160	K	D	C	 72 dB
L355	13 R 22.5	154/150	K	E	B	 75 dB
		156/150	G			
	315/80 R 22.5	156/150	K	E	C	 75 dB
		154/150	M			
		154/150 ⁸	K			
M748	365/80 R 20	160	K	C	C	 73 dB
		158	L			
	385/65 R 22.5 ⁶	160	K	D	B	 74 dB
		158	L			
	425/65 R 22.5 ⁶	165	K	D	D	 70 dB
	445/65 R 22.5 ⁶	169	K	C	D	 71 dB
M844	445/65 R 22.5 ⁶	169	K	C	D	 71 dB
Off road						
L317	12 R 22.5	152/148	G	F	C	 73 dB
	13 R 22.5	154/150	G	F	D	 73 dB
	12.00 R 24 ⁷	156/153	M	1		
Urban						
R192	305/70 R 19.5	148/145	J	D	C	 71 dB
		151/149	E			
	11 R 22.5	148/145	J	E	D	 71 dB
	12 R 22.5	152/148	G	D	D	 70 dB
	275/70 R 22.5 ¹⁰	148/145	J	D	C	 71 dB
		152/148	E			
	295/80 R 22.5	152/148	J	D	C	 72 dB
		154/150	E			
	305/70 R 22.5	152/148	J	D	D	 70 dB
		154/150	E			
M788	275/70 R 22.5	148/145	M	D	C	 72 dB
		152/148	E			
	315/70 R 22.5	152/148	M	D	C	 71 dB
		154/150	L			
	315/80 R 22.5	156/150	L	D	C	 74 dB
		154/150	M			
M788 EVO	295/80 R 22.5	154/149	M	D	C	 71 dB

Not in scope of regulation ¹M840 EXTRA ⁵Non-FRT marked tyre that can be also used on front axle ⁶

Pattern	Size	Load index	Speed symbol			
GREATEC R173	435/45 R 22.5	162	J	D	D	 71 dB
	455/45 R 22.5	166	J	D	C	 72 dB
Coach						
M788 EVO	295/80 R 22.5	154/149	M	D	C	 71 dB
M788	275/70 R 22.5 ¹¹	148/145	M	D	C	 72 dB
		152/148	E			
	315/70 R 22.5	152/148	M	D	C	 71 dB
		154/150	L			
	315/80 R 22.5	156/150	L	D	C	 74 dB
		154/150	M			
Winter						
W958	295/80 R 22.5	152/148	M	D	C	 74 dB
	315/70 R 22.5	152/148	M	D	C	 74 dB
		154/150	L			
	315/80 R 22.5	156/150	L	D	C	 72 dB
		154/150	M			
M788	385/55 R 22.5	160	K	E	C	 73 dB
		158	L			
	385/65 R 22.5	160	K	E	C	 75 dB
		158	L			
W990	295/60 R 22.5	150/147	L	F	E	 73 dB
	295/80 R 22.5	152/148	M	F	C	 74 dB
	315/70 R 22.5	152/148	M	F	C	 73 dB
		154/150	L			
	315/80 R 22.5	154/150	M	F	C	 73 dB
		156/150	L			
W970	12 R 22.5	152/148	K	F	D	 76 dB
		150/145	L			
	275/70 R 22.5	148/145	M	F	D	 75 dB
	295/80 R 22.5	152/148	M	F	E	 72 dB
	315/80 R 22.5	154/150	M	F	E	 76 dB
		156/150	L			
M852	265/70 R 19.5	143/141	J	E	C	 73 dB

⁷ Size intended to be used for construction vehicles working principally in quarries or construction sites, is not ECE type-approved and can be sold only if the local legislation on type approval allows it

⁸ Only available for Greece and not M+S marked

⁹ Only available for Greece and Italy

¹⁰ M+S marked as from March/April 2013

¹¹ Mainly for Urban use



European Tyre Labelling

REGULATION (EC) No 1222/2009

As of 1 November 2012, new tyre label regulations are in force to help promote safer, more economical and more environmentally friendly road transport in Europe. The new labels indicate tyre performance in three key areas: braking in wet conditions, exterior noise and rolling resistance.

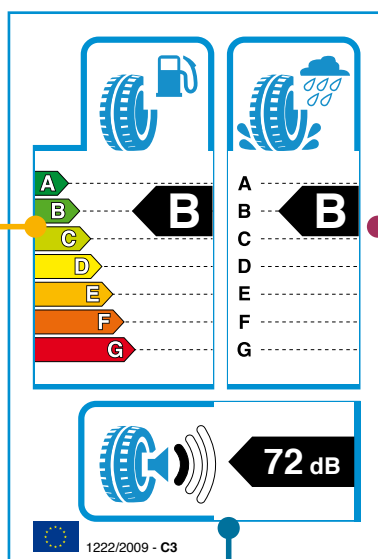


FUEL EFFICIENCY

7 classes - from A (most efficient) to least efficient

The effect varies depending on the vehicle and driving conditions. However, **the difference between a G and an A class for a complete set of tyres could reduce fuel consumption for trucks up to 20%***.

* Source: European Commission's impact Assessment SEC (2008) 2860.



WET GRIP

7 classes - from A (best wet grip) to worst wet grip

The effect may vary depending on the vehicle and driving conditions. However, in the case of full braking, **the difference between a G and an A class for a complete set of tyres could be up to 30% shorter braking distances.**



EXTERIOR NOISE

Exterior noise levels are split into 3 categories and measured in decibel (dB) in comparison with the new European tyre exterior noise levels to be introduced until 2016. The noise pictogram displays the categories while the black arrow next to the pictogram indicates the noise level as an absolute value.

Note that external tyre rolling noise is not related to interior vehicle noise



- **1 black sound wave**
(= 3dB already less than the future European limit)



- **2 black sound waves**
(= already compliant with the future European limit)



- **3 black sound waves**
(= compliant with the current European limit)

OBLIGATION:

The Regulation requires that tyres* produced after 30 June 2012 and on sale in the EU from November 2012 will show grade of Rolling Resistance, Wet Grip and Noise in all technical promotion materials.

* Some tyres are excluded, such as retread, professional off-road or studded tyres.

FRT (FREE ROLLING TYRE)

- **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.

- **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.

M+S (Mud + Snow)

- **Definition**

M+S (mud and snow) marked tyres and retreads feature improved grip and braking performance in mud and fresh or melting snow compared to a normal tyre.

All Bridgestone new and retreaded tyres marked M+S are suitable for use under applicable winter tyre regulations.

	FEATURES	FUNCTION	BENEFIT
	M788, M729, W990, M788 EVO	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.
	ECOPIA H-STEER 001, R249 Ecopia, ECOPIA H-DRIVE 001, M749 Ecopia, R166II, R227, M788, M729, M788 EVO, R-STEER 001, R-DRIVE 001	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.
	R166II, R297, R297 EVO, M788, M788 EVO, R-STEER 001	Improves wet/winter performance as well as reducing stone retention.	Excellent handling. Improved casing value.
	ECOPIA H-STEER 001, R249 Ecopia, R249 EVO Ecopia, R166II, M788, W990, M788 EVO	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 Ecopia ^{**} , M788 ^{***}	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 001, R249 Ecopia, R249 EVO Ecopia, M749 Ecopia, R166II, R297, R297 EVO, M788, M729, M730, M788 EVO, R-STEER 001	Reduces noise.	Driver's comfort. Help to meet severest noise regulation standards.
	GREATEC M709 Ecopia, ECOPIA H-DRIVE 001	Reduces wear energy. Better control of the block movements.	Increased mileage. Reduced fuel consumption.
	W970	Porous surface allows water to flow into tyre surface and keep rubber in firm contact with the ice.	Improved snow & ice traction.
	R249 Ecopia, R249 EVO Ecopia, GREATEC M709 Ecopia, ECOPIA H-STEER 001, ECOPIA H-DRIVE 001	Reduces energy loss in the top compound during rotation.	Reduced fuel consumption. Similar durability and abrasion as previous compound.
	R166II, GREATEC R173	R-Bead reduces stress in the bead area and therefore enhances casing durability.	Longer casing life. Higher retreadability and casing value.
	R227, R297, R297 EVO, M729 [*] , M788 [*] , M788 EVO	Protects casing against sidewall damage from kerbs and other road hazards.	Longer casing life. Higher retreadability and casing value.
	R109 Ecopia ^{***} , R168 ^{***} , M729 ^{****}	Reduced bead filler volume and tyre weight (~1,5 Kg) without compromising the tyre durability.	Fuel savings.
	R297, R297 EVO, R-STEER 001	Reduces irregular wear. Stable cornering behaviour.	Longer tyre life.
	ECOPIA H-STEER 001, R249 Ecopia, R249 EVO Ecopia, R166II, R297, R297 EVO, M748, R-STEER 001	Eject stones from the ribs.	Reduction in stone drilling. Improved casing retreadability and value.
	ECOPIA H-DRIVE 001, M749 Ecopia, M730, W958, R-DRIVE 001	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.
	R249 EVO Ecopia, GREATEC M709 Ecopia, R109 Ecopia ^{***} , R297 EVO, ECOPIA H-STEER 001	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.
	ECOPIA H-DRIVE 001, M749 Ecopia, GREATEC M709 Ecopia, R227, M730, R-DRIVE 001	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.
	ECOPIA H-STEER 001, R297, R297 EVO, M788, M788 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.
	ECOPIA H-STEER 001, ECOPIA H-DRIVE 001, M788, M788 EVO, R-STEER 001	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.
	R249 Ecopia ^{**} , R249 EVO Ecopia ^{**} , M749 Ecopia ^{**} , GREATEC M709 Ecopia, R109 Ecopia, R166II, R168 ^{**} , GREATEC R173, R297 EVO, ECOPIA H-STEER 001	Increases casing stability and durability.	Higher load capability. Higher casing retreadability and value.

^{*} 17.5" and 19.5" sizes only

^{**} 60 & 55 series only

^{***} 55 series

^{****} for size 295/80 R 22.5 only

SIZE	STEER										DRIVE								
	ECOPIA H-STEER 001	R249 Ecopia	R249 EVO Ecopia	R294	R-STEER 001	R297	R297 EVO	R227	M788	W958	M788	ECOPIA H-DRIVE 001	M749 Ecopia	GREATEC M709 Ecopia	M730	M711	M788	R-DRIVE 001	M729
7.5 R 15****																			
8.25 R 15****																			
205/80 R 15																			
9.5 R 17.5								•											•
10 R 17.5																			
205/65 R 17.5																			
205/75 R 17.5								•	•								•		•
215/75 R 17.5								•	•								•		•
225/75 R 17.5								•	•								•		•
235/75 R 17.5								•											•
245/70 R 17.5								•											•
245/75 R 17.5																			
265/70 R 17.5								•											•
245/70 R 19.5								•											•
265/70 R 19.5								•	•								•		•
285/70 R 19.5								•	•								•		•
305/70 R 19.5								•											•
12.00 R 20																			
365/80 R 20																			
9 R 22.5																			
10 R 22.5																			
11 R 22.5						•										•			
12 R 22.5						•													•
13 R 22.5						•													•
255/70 R 22.5				•															
275/70 R 22.5		•				•			•								•		•
275/80 R 22.5				•															
295/60 R 22.5		•											•						
295/80 R 22.5		•				•				•			•		•				•
305/70 R 22.5		•																	•
315/45 R 22.5''													•						
315/60 R 22.5		•	•										•						
315/70 R 22.5	•	•	•			•	•		•	•		•	•		•		•		•
315/80 R 22.5		•			•	•			•	•			•		•		•	•	•
355/50 R 22.5''			•																
385/55 R 22.5'		•									•								
385/65 R 22.5'		•							•		•						•		
425/65 R 22.5																			
435/45 R 22.5																			
435/50 R 19.5																			
445/65 R 22.5²																			
455/45 R 22.5																			
495/45 R 22.5														•					
12.00 R 24																			
325/95 R 24'''																			

* FRT marked tyre for R168, R164 & R109 Ecopia only
** Available in non Ecopia Specification
*** M840 EXTRA only
**** Only applicable for trailer use

SIZE	DRIVE				ALL POSITION					TRAILER									
	L355	GREATEC R173	W990	W970	M840	L317	R192	M788	M788 EVO	R109 Ecopia	R168	R166II	R164	R180	R184	R187	M748	M844	M852
7.5 R 15""															•	•			
8.25 R 15""															•	•			
205/80 R 15																			
9.5 R 17.5											•								
10 R 17.5					•									•					
205/65 R 17.5											•								
205/75 R 17.5																			
215/75 R 17.5											•								
225/75 R 17.5																			
235/75 R 17.5											•								
245/70 R 17.5											•								
245/75 R 17.5																			
265/70 R 17.5																			
245/70 R 19.5											•								
265/70 R 19.5											•								•
285/70 R 19.5											•								
305/70 R 19.5							•												
12.00 R 20					•														
365/80 R 20																	•		
9 R 22.5					•														
10 R 22.5					•														
11 R 22.5					•		•												
12 R 22.5				•	•	•	•												
13 R 22.5	•				•	•													
255/70 R 22.5																			
275/70 R 22.5				•	•		•	•											
275/80 R 22.5																			
295/60 R 22.5			•																
295/80 R 22.5			•	•	•		•		•										
305/70 R 22.5							•												
315/45 R 22.5"																			
315/60 R 22.5																			
315/70 R 22.5			•					•											
315/80 R 22.5	•		•	•	•			•											
355/50 R 22.5"																			
385/55 R 22.5'										•	•								
385/65 R 22.5'										•	•		•				•		
425/65 R 22.5													•				•		
435/45 R 22.5		•																	
435/50 R 19.5												•							
445/65 R 22.5													•				•	• ²	
455/45 R 22.5		•																	
495/45 R 22.5																			
12.00 R 24					•	• ¹													
325/95 R 24""					•														

¹ Size intended to be used for construction vehicles working principally in quarries or construction sites, is not ECE type-approved and can be sold only if the local legislation on type approval allows it

² For M844 only: Non-FRT marked tyre that can be also used on front axle

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