



Truck and Bus Programme

Europe



2014

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WHY GT RADIAL TRUCK TYRES

GT RADIAL is fully committed to maintaining the very highest standard of quality control procedures and has obtained ISO9001:2000 and ISO/TS16949:2009 accreditation for all key manufacturing plants. In addition, all plants have obtained ISO14001-2004 Environmental Management System Accreditation.

GT Radial invests heavily into developing dedicated European tyre products tailor-made for the usage conditions in Europe. The development activities are located in two Technical Centres in Europe:

European R&D Centre located in Hannover Germany (pictured bottom left). This centre works with the development of both original equipment and replacement tyres being technically responsible for all original equipment and replacement projects in EU. This centre benchmarks and observes closely the developing advanced tyre related technology trends and works closely together with GT Radial's R&D head quarters.

ETC, European Technical Centre located at the internationally acclaimed MIRA Ltd (Motor Industry Research Association) in the UK. The ETC operation works closely together with the various GT Radial R&D centres globally, and is responsible for all new product evaluations. ETC is employed in the development of tyre products for both European and worldwide applications for both replacement and original equipment markets.

Before launching into the market all new GT Radial truck tyres are submitted for intensive and representative field testing (pictured bottom right) with regular truck and bus tyre users across Europe. A dedicated technical team is responsible for this extensive program of testing.

All tyres produced by GT Radial for export to Europe satisfy standards for all the European Union legal directives, regulations and standards. E-mark Safety are performed and accredited by TÜV NORD. For other regulative test programs GT Radial work with renowned laboratories in Europe such as RDW, IDIADA, Testworld and others.

GT Radial's research and development efforts have enabled the development of European Mission Matched products and have also helped improve product design and production technology to maintain a leading market position. In addition to in-house research and development capabilities, GT Radial also collaborates with various leading universities and top research institutions such as Smithers Research Laboratories, USA and TÜV Automotive GmbH Tyre/Wheel Test Centre in Germany.



Environmental, Economic and Social Responsibility

GT Radial is focussed on the development of innovative solutions to both lower the running costs of today's commercial vehicle operators and limit the impact of its products on the environment.

Investments in research and development and the use of advanced compounds, construction and efficient and robust tread patterns has resulted in lower rolling resistance tyres for reduced fuel consumption, greater mileage performance, re-treadability and improved resistance to damage providing the operator with a lower cost per kilometer and less disposable casings within the environment.

As part of GT Radial's ongoing commitment to the environment, GT Radial partners with Conservation International.

GT Radial manufacturing plants consume annually about 500-550 thousand metric tons of coal, or the equivalent of about 1 million tones of CO₂ or 270,000 metric tons of Carbon emitted into the atmosphere. The Bantang Toru forest and the Batang Gadis National Park, Northern Sumatra, covers about 110,000 hectares, together they total around 260,000 hectares of mostly intact forest.

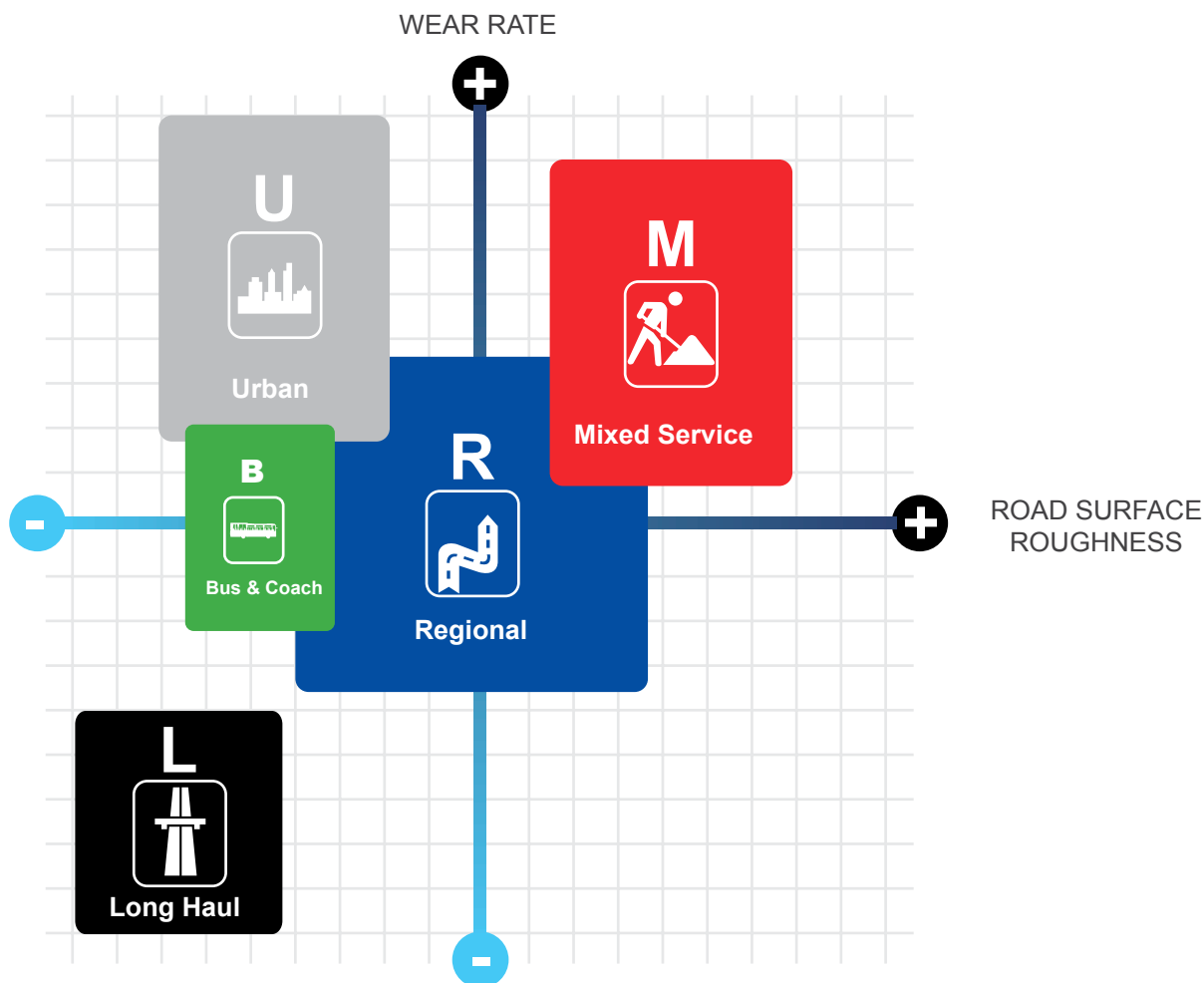
Protecting these forest areas from conversion into vegetation with lower biomass (tree plantations or agriculture) conserves about 100 tons of Carbon per hectare, or 26 million tons of Carbon in total, which is equivalent to about 100 years of Carbon emissions resulting from GT Radial production coal burning. (Source: Perbatakusuma et al, Conservation International, Jakarta, Indonesia)



MARKET SEGMENTS

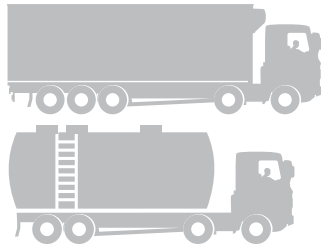
Tyres designed and developed for specific applications

Using the latest design and manufacturing technology GT Radial has developed a range of Mission Matched tyres to meet the ever increasing demands of today's European transport operations.



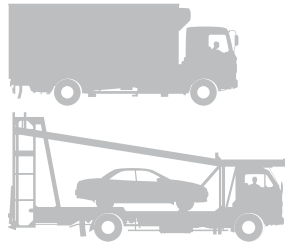
This diagram gives you details of all our ranges according to the use.

Product details given for information only. GT Radial reserves the right to modify details of products and services at any time and without notice.



Long Haul Operation:

- Motorways and trunking
- Long distance journeys mainly on motorways and A roads
- Constant speeds with minimal braking and accelerating



Regional Operation:

- Shorter journeys on regional national roads
- Flexible in a variety of applications
- Frequent braking, acceleration and turning



Mixed Service Operation:

- Frequent use both on and off road
- Higher loads
- Increased risk of damage from road conditions



Urban Operation:

- Constant stop and go operating conditions
- Frequent speed changes and turning
- Increased risk of damage from curbing impacts



Bus and Coach Operation:

- Regional and national operation
- Designed to provide passengers with a quiet and comfortable ride

GT RADIAL PATTERN RANGE

POSITION

ROAD

Long Haul

 Steer	    GSR225 pg9 GT259 pg9 GT279 pg9	   GAR820pg13 GSR225pg13
 Drive	  GDL617pg10 GT679 pg10	  GDR619pg15 GT659+pg15
 Trailer	   GTL919pg10 GT279 pg10 GT988+pg10	  GT978+pg17 GTR990pg17
 Bus Steer	 GSR225pg9	  GSR225 pg9 GAR821pg14
 Bus Drive	 GT629 pg10	 GT629 pg10

POSITION CODES

STEER

S

DRIVE

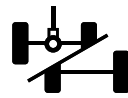
D

TRAILER

T

ALL POSITION

A



Regional	Mixed service	Urban
		
 GT879 pg14	 NEW GAM831pg20  GT876 pg21  GT01 pg21	 GAU861pg25  GT867 pg25
 GDR621pg16  GT678pg16	 NEW GAM831pg22  GT686 pg22	 GAU861pg25  GT867 pg25
 NEW GTR923pg18  GT879pg18	 NEW GAM831pg23  GT876 pg23	 GAU861pg25  GT867 pg25
		 GAU861pg25  GT867 pg25
		 GAU861pg25  GT867 pg25

APPLICATION AND KEY FEATURE LEGEND

Long Haul



Regional



Mixed Service



Urban



M+S M+S Marked



Snow



Fuel Efficient



Directional



Long Haul



Operation:

- Motorways and trunking
- Long distance journeys mainly on motorways and A roads
- Constant speeds with minimal braking and accelerating


NEW

GSR225 - New generation high performance steer tyre for COMBI ROAD usage

Features

Designed and marked COMBI ROAD

New casing construction with an optimized tyre road surface footprint

New groove design

Newly developed tread compound

Benefits

- Designed for usage in both national and regional usage operations
- Improves the vehicle handling, wear out and mileage of the tyre
- Added stone ejection properties and increased general protection against tearing when used in regular and aggressive regional use
- Combines improved mileage, tearing resistance with excellent wet grip properties



Reduced fuel consumption

GT259 - Wide base steer axle pattern for long and regional haul usage

Features

Five longitudinal rib pattern design with an optimized footprint

New compound with good cool running properties

Extra wide solid shoulder design

Benefits

- Provides high mileage potential and excellent handling
- Reduces fuel consumption and improves mileage performance and re-treadability
- Improved vehicle stability, handling and reduced noise emissions



GT279 - A steer axle tyre perfectly suited to highway and motorway use

Features

Improved pattern design with cool running cap and base technology

Optimized footprint

Improved pattern design

Benefits

- Increases fuel efficiency and provides effective water evacuation and wet grip properties
- Provides excellent resistance to irregular wear
- Reduces noise emissions improving comfort for the driver

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
275	70	22.5	148/145 (152/148)	M (J)	GSR225		73	2	C	C
295	80	22.5	152/148	M	GSR225		73	2	B	D
315	80	22.5	156/150 (154/150)	L (M)	GSR225		73	2	B	D
315	70	22.5	156/150 (154/150)	L (M)	GSR225		73	2	B	D
385	65	22.5	158 (160)	L (K)	GT259		70	1	B	C
385	55	22.5	158 (160)	L (K)	GT259		70	1	B	C
10		22.5	144/142	M	GT279		70	1	B	D
11		22.5	148/145	M	GT279		70	1	B	D
245	70	19.5	136/134	M	GT279		70	1	C	D
255	70	22.5	140/137	M	GT279		70	1	B	D
275	70	22.5	148/145 (152/148)	M (J)	GT279		70	1	B	D
285	70	19.5	146/144 (144/142)	L (M)	GT279		70	1	C	C



GDL617



GDL617 - Latest generation long distance drive axle tyre

Features

- Extra wide tread pattern design
- Optimal tread depth for long haul applications
- Non directional pattern
- Multi sipe design and marked M+S

Benefits

- Increased mileage performance, traction and driver comfort with high levels of stability
- Reduced fuel consumption and delivers excellent mileage performance
- Simplification of tyre maintenance within the fleet
- Provides excellent mid European all season traction



GT629



GT629 - Specially designed for coaches and regional buses

Features

- Pattern adapted for suspension systems used on coaches and buses
- Multi 3D interlocking sipe design with open shoulder
- Wide footprint design with stabilizing rubber elements
- Multi sipe design and marked M+S

Benefits

- Improved regularity of wear and reduced noise for increased passenger comfort
- Excellent winter and all season traction
- Improved stability, handling and low noise emissions
- Provides excellent all season traction



GT679



GT679 - Non directional drive axle pattern

Features

- Non directional low void ratio block pattern with open shoulder
- M+S marked

Benefits

- Reduced noise emissions and good all season traction with improved resistance to heel and toe
- Good all season traction

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
295	80	22.5	152/148	M	GDL617	M+S SNOWFLAKE	74	2	B	D
315	80	22.5	156/150 (154/150)	L (M)	GDL617	M+S SNOWFLAKE	74	2	C	D
315	70	22.5	154/150(152/148)	L(M)	GDL617	M+S SNOWFLAKE	74	2	B	D
315	60	22.5	152/148	L	GDL617	M+S SNOWFLAKE	74	2	C	D
295	80	22.5	152/148	M	GT629	M+S SNOWFLAKE	74	2	B	D
11		22.5	148/144	L	GT679	M+S	74	2	B	D
12		22.5	152/148	L	GT679	M+S	74	2	B	D
215	75	17.5	126/124	M	GT679	M+S	73	2	C	E
235	75	17.5	132/130	M	GT679	M+S	73	2	C	E
265	70	19.5	140/138	M	GT679	M+S	74	2	C	E
285	70	19.5	144/142 (145/143)	M (L)	GT679	M+S	74	2	C	D
295	80	22.5	152/148	M	GT679	M+S SNOWFLAKE	74	2	B	D



GT919 - New generation trailer pattern for long distance

Features

New generation pattern featuring new groove design and extra wide shoulder

Dedicated compound formula for long distance usage

Optimized pattern design

Additional upper sidewall protection

Benefits

- Provides good protection in the shoulder area and very regular wear
- Reduced fuel consumption combined with high mileage potential
- Very low noise level
- Improved protection from curbing damage



GT988+ - Long haul trailer pattern featuring a new enhanced shoulder design

Features

Advanced cool running low rolling resistance compound with new smooth shoulder

Benefits

- Reduced fuel costs combined with improved mileage performance and increased resistance to damage and impacts



GT279 - A steer axle tyre perfectly suited to highway and motorway use

Features

Improved pattern design with cool running cap and base technology

Optimized footprint

Improved pattern design

Benefits

- Increases fuel efficiency and provides effective water evacuation and wet grip properties
- Provides excellent resistance to irregular wear
- Reduces noise emissions improving comfort for the driver

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
385	65	22.5	158 (160)	L (K)	GT919		69	1	B	C
215	75	17.5	135/133	J	GT988+		70	1	C	D
235	75	17.5	143/141	J	GT988+		70	1	C	D
245	70	17.5	143/141 (144/144)	J (F)	GT988+		70	1	C	C
285	70	19.5	150/148	J	GT988+		70	1	B	C
385	55	22.5	158 (160)	L (K)	GT988+		71	2	B	C
245	70	19.5	141/140	J	GT279		70	1	C	D
275	70	22.5	148/145 (152/148)	M (J)	GT279		70	1	B	D



Regional



Operation:

- Shorter journeys on regional national roads
- Flexible in a variety of applications
- Frequent braking, acceleration and turning



Regional

STEER AXLE



GSR225



NEW

GSR225 - New generation high performance steer tyre for COMBI ROAD usage

Features

Designed and marked COMBI ROAD

New casing construction with an optimized tyre road surface footprint

New groove design

Newly developed tread compound

Benefits

- Designed for usage in both national and regional usage operations
- Improves the vehicle handling, wear out and mileage of the tyre
- Added stone ejection properties and increased general protection against tearing when used in regular and aggressive regional use
- Combines improved mileage, tearing resistance with excellent wet grip properties



GAR820



M+S

NEW

GAR820 - New generation high performance steer and all position tyre for medium sized trucks and buses

Features

New pattern design with wide solid shoulders

Block design in the centre of the tread

New casing construction and optimised footprint

Modified bead construction

Benefits

- Improves handling and driver comfort in addition to reducing noise levels
- Increased traction and braking in loaded and unloaded driving conditions
- Regular wear throughout the life of the tyre delivering excellent mileage performance
- Facilitates mounting of the tyre and improves uniformity

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
275	70	22.5	148/145 (152/148)	M (J)	GSR225		73	2	C	C
295	80	22.5	152/148	M	GSR225		73	2	B	D
315	80	22.5	156/150 (154/150)	L (M)	GSR225		73	2	B	D
315	70	22.5	156/150 (154/150)	L (M)	GSR225		73	2	B	D
205	75	17.5	124/122	M	GAR820	M+S SNOWFLAKE	75	2	C	E
215	75	17.5	126/124	M	GAR820	M+S SNOWFLAKE	75	2	C	E
225	75	17.5	129/127	M	GAR820	M+S SNOWFLAKE	75	2	C	E
235	75	17.5	132/130	M	GAR820	M+S SNOWFLAKE	75	2	C	D
245	70	17.5	136/134	M	GAR820	M+S SNOWFLAKE	75	2	C	D



STEER AXLE



Regional



GT879

GT879 - Flexible in a variety of applications

Features

Robust and durable casing construction, equal force carcass technology with sidewall protector ribs

Benefits

- Provides excellent stability and mileage performance, optimal tyre footprint for even wear throughout the life of the tyre



GAR821

GAR821 - Designed for regional bus operations for all axle position fitment

Features

Wide footprint pattern design

Four main longitudinal tread grooves

Advanced tread block and multi sipe design

Casing construction with an optimized footprint in contact with the road surface

Benefits

- Provides excellent stability, handling and A wet rated braking performance
- Good water evacuation providing good wet traction properties
- Reduce noise levels to improve passenger comfort
- Improves mileage performance, better wear pattern and overall handling



M+S

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
11		22.5	148/145	M	GT879		70	1	B	D
12		22.5	152/148	M	GT879		70	1	B	C
235	75	17.5	132/130	M	GT879		70	1	C	D
265	70	19.5	140/138	M	GT879		70	1	B	D
295	80	22.5	152/148	L	GAR821	M+S SNOWFLAKE	70	1	A	D


GT659+


GT659+ - Deep directional drive axle pattern for intensive regional operations

Features

- Directional deep tread design
- Improved casing construction and footprint
- Deep grooves combined with optimized compound

Benefits

- Delivers excellent all season traction, provides optimal mileage performance and resists damage and impacts
- Improved mileage, stability and overall handling properties
- Provides a high level of wet grip performance


GDR619


GDR619 - New generation of high performance drive axle tyres for medium sized trucks and buses

Features

- Pattern design with four longitudinal groove and solid blocks
- New casing and footprint design
- Modified bead construction

Benefits

- Provides good traction and braking with improved vehicle stability and driver comfort
- Delivers good regular wear with high mileage potential
- Improved uniformity and facilitates easier fitting to the rim

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
12		22.5	152/148	L	GT659+	M+S SNOWFLAKE	75	2	B	D
295	80	22.5	152/148	M	GT659+	M+S SNOWFLAKE	75	2	B	D
315	80	22.5	154/150 (156/150)	M (L)	GT659+	M+S SNOWFLAKE	75	2	B	E
315	70	22.5	154/151 (152/148)	L (M)	GT659+	M+S SNOWFLAKE	75	2	B	D
205	75	17.5	124/122	M	GDR619	M+S SNOWFLAKE	75	2	C	E
215	75	17.5	126/124	M	GDR619	M+S SNOWFLAKE	75	2	C	E
225	75	17.5	129/127	M	GDR619	M+S SNOWFLAKE	75	2	C	E



GDR621



GDR621 - High mileage drive axle pattern with excellent winter properties

Features

- Very wide pattern with advanced block and sipe design
- New casing construction combined with extra deep tread depth
- Pattern and shoulder design optimized for improved driver comfort

Benefits

- Provides excellent driving properties for winter and all season usage
- Optimal tyre footprint with excellent wear pattern and high mileage potential
- Extensive tests in Europe has provided very positive driver feedback on low noise and comfort



GT678

M+S

GT678 - Rugged and robust drive axle tyre

Features

- Interlocking zigzag block pattern arrangement with open shoulder and stone ejectors
- Multi purpose block tread design M&S marked

Benefits

- Good resistance to perforations and tread tearing
- Provides excellent all season traction whilst maintaining even regular wear

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
315	80	22.5	156/150 (154/150)	L (M)	GDR621	M+S SNOWFLAKE	76	3	B	D
7.50		16	122/118	K	GT678	M+S	74	2	C	D
8.25		16	126/122	K	GT678	M+S	74	2	C	E
245	70	19.5	136/134	M	GT678	M+S	74	2	C	D
265	70	19.5	140/138	M	GT678	M+S	74	2	C	D
285	70	19.5	144/142 (145/143)	M (L)	GT678	M+S	75	2	C	D


GT978+

GT978+ - All round trailer pattern for regional haulage

Features

- New improved pattern design
- New enhanced solid shoulder
- Optimised wide base footprint
- Extra sidewall protection

Benefits

- Delivers exceptional mileage performance
- Provides improved protection against curbing and shoulder damage
- Improves regular wear for increased mileage performance
- Reduces the risk of damage to the sidewall area


GTR990

GTR990 - A high quality bead to bead retread featuring GT Radial premium casings

Features

- New improved pattern design
- New enhanced solid shoulder
- Optimised wide base footprint
- Extra sidewall protection

Benefits

- Delivers exceptional mileage performance
- Provides improved protection against curbing and shoulder damage
- Improves regular wear for increased mileage performance
- Reduces the risk of damage to the sidewall area

Retread only available in certain markets

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
385	65	22.5	158 (160)	L (K)	GT978+		73	2	B	C
425	65	22.5	165	K	GT978+		73	2	B	C
385	65	22.5	158 (160)	L (K)	GTR990		N/A	N/A	N/A	N/A

NEW



GTR923

M+S

GTR923 - Heavy duty trailer tyre for regional and on/off road usage

Features

- Robust block pattern design with connecting tie bars
- Special anti cut and chip compound
- Heavy duty casing construction
- Extra deep groove design with stone ejection system

Benefits

- Protects the casing and delivers excellent regular wear properties and high mileage performance
- Highly suitable for usage in aggressive timber and milk transportation conditions
- Allow safe operation with high loads in aggressive driving conditions
- Reduces the risk of stone drilling into the casing



GT879

GT879 - Flexible in a variety of applications

Features

- Robust and durable casing construction, equal force carcass technology with sidewall protector ribs

Benefits

- Provides excellent stability and mileage performance, optimal tyre footprint for even wear throughout the life of the tyre

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
265	70	19.5	143/141	J	GTR923	M+S SNOWFLAKE	73	2	B	D
265	70	19.5	143/141	J	GT879		70	1	B	D



**Mixed
Service**



Operation:

- Frequent use both on and off road
- Higher loads
- Increased risk of damage from road conditions



M+S 315/80R22.5
13R22.5

NEW

GAM831 - Steer and all position tyre for mixed and severe usage conditions

Features

New casing construction with optimized tread profile

Combined rib and lug pattern design

Solid wide shoulder

New advanced anti cut and chip compound

Benefits

- Provides an optimal footprint for improved wear and vehicle handling
- Delivers excellent traction and braking properties in all position usage
- Improves protection of the casing and increases stability and comfort for the driver
- High resistance against tread tearing from normal usage on aggressive road surfaces



M+S 295/80R22.5

NEW

GAM831 - Steer and all position tyre for mixed and severe usage conditions

Features

New casing construction with optimized tread profile

Combined rib and lug pattern design

Solid wide shoulder

New advanced anti cut and chip compound

Benefits

- Provides an optimal footprint for improved wear and vehicle handling
- Delivers excellent traction and braking properties in all position usage
- Improves protection of the casing and increases stability and comfort for the driver
- High resistance against tread tearing from normal usage on aggressive road surfaces

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
13		22.5	154/150 (156/150)	K (G)	GAM831	M+S	74	2	B	D
295	80	22.5	152/148	K	GAM831	M+S	71	1	C	D
315	80	22.5	156/150	K	GAM831	M+S	73	2	B	D



GT01

M+S Some sizes only

GT01 - A robust and durable all position pattern flexible in a variety of operating conditions

Features

- Solid tread pattern using a tough anti cut and chip compound
- Open shoulder design
- Optimized pattern design for low noise generation

Benefits

- Resists damage to the tread area on rough on/off road conditions
- Provides excellent level of traction combined with good self cleaning properties
- Improved driver comfort



GT876



M+S

GT876 - Wide base steer and trailer pattern for severe regional and on/off applications

Features

- Deep tread design with special anti cut and chip compound
- Compact three rib block design connected with multiple tie bars
- Additional rubber sidewall protection

M&S marked

Benefits

- Provides excellent grip in rough terrain conditions, superb resistance to tread tearing, impacts and casing damage
- Improves steering and handling properties
- Protects casing from impact, cuts and curbing damage
- Good winter properties in both steer and trailer applications

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
9.00		20	144/142	K	GT01		72	2	C	D
10.00		20	146/143	K	GT01		72	2	C	D
11.00		20	150/147	K	GT01		72	2	C	D
11		22.5	148/144	M	GT01	M+S	72	2	C	D
12.00		20	154/151	K	GT01		72	2	C	D
13		22.5	154/150 (156/150)	L (K)	GT01	M+S	73	2	B	D
315	80	22.5	154/151 (156/151)	L (K)	GT01	M+S	72	2	B	D
385	65	22.5	158 (160)	L (K)	GT876	M+S SNOWFLAKE	74	2	B	C
425	65	22.5	165	K	GT876	M+S	75	2	B	C
445	65	22.5	169	K	GT876	M+S	75	2	B	C



GT686



GT686 - Directional deep tread drive axle pattern for mixed service and on/off applications

Features

Directional extra deep tread design with wide longitudinal grooves

Special anti cut and chip compound formula

Classified POR (Professional Off Road)

Benefits

- Provides exceptional grip in rough terrain conditions with excellent self cleaning properties and high resistance to damage
- Provides excellent protection from tread cuts and damage in aggressive road and off road conditions
- EU label grading is not a requirement for POR classified tyres



GAM831

M+S 315/80R22.5
13R22.5

NEW

GAM831 - Steer and all position tyre for mixed and severe usage conditions

Features

New casing construction with optimized tread profile

Combined rib and lug pattern design

Solid wide shoulder

New advanced anti cut and chip compound

Benefits

- Provides an optimal footprint for improved wear and vehicle handling
- Delivers excellent traction and braking properties in all position usage
- Improves protection of the casing and increases stability and comfort for the driver
- High resistance against tread tearing from normal usage on aggressive road surfaces



GAM831

M+S 295/80R22.5

NEW

GAM831 - Steer and all position tyre for mixed and severe usage conditions

Features

New casing construction with optimized tread profile

Combined rib and lug pattern design

Solid wide shoulder

New advanced anti cut and chip compound

Benefits

- Provides an optimal footprint for improved wear and vehicle handling
- Delivers excellent traction and braking properties in all position usage
- Improves protection of the casing and increases stability and comfort for the driver
- High resistance against tread tearing from normal usage on aggressive road surfaces

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
11		22.5	148/145	J	GT686	M+S	N/A	N/A	N/A	N/A
12		22.5	152/148	K	GT686	M+S	N/A	N/A	N/A	N/A
13		22.5	154/150 (156/150)	K (G)	GT686	M+S	N/A	N/A	N/A	N/A
295	80	22.5	152/149	K	GT686	M+S	N/A	N/A	N/A	N/A
315	80	22.5	156/150	K	GT686	M+S	N/A	N/A	N/A	N/A
13		22.5	154/150 (156/150)	K (G)	GAM831	M+S	74	2	B	D
295	80	22.5	152/148	K	GAM831	M+S	71	1	C	D
315	80	22.5	156/150	K	GAM831	M+S	73	2	B	D



GT876 - Wide base steer and trailer pattern for severe regional and on/off applications

Features

Deep tread design with special anti cut and chip compound

Compact three rib block design connected with multiple tie bars

Additional rubber sidewall protection

M&S marked

Benefits

- Provides excellent grip in rough terrain conditions, superb resistance to tread tearing, impacts and casing damage
- Improves steering and handling properties
- Protects casing from impact, cuts and curbing damage
- Good winter properties in both steer and trailer applications



M+S 315/80R22.5
13R22.5 **NEW**

GAM831 - Steer and all position tyre for mixed and severe usage conditions

Features

New casing construction with optimized tread profile

Combined rib and lug pattern design

Solid wide shoulder

New advanced anti cut and chip compound

Benefits

- Provides an optimal footprint for improved wear and vehicle handling
- Delivers excellent traction and braking properties in all position usage
- Improves protection of the casing and increases stability and comfort for the driver
- High resistance against tread tearing from normal usage on aggressive road surfaces



M+S 295/80R22.5 **NEW**

GAM831 - Steer and all position tyre for mixed and severe usage conditions

Features

New casing construction with optimized tread profile

Combined rib and lug pattern design

Solid wide shoulder

New advanced anti cut and chip compound

Benefits

- Provides an optimal footprint for improved wear and vehicle handling
- Delivers excellent traction and braking properties in all position usage
- Improves protection of the casing and increases stability and comfort for the driver
- High resistance against tread tearing from normal usage on aggressive road surfaces

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
385	65	22.5	158 (160)	L (K)	GT876	M+S SNOWFLAKE	74	2	B	C
425	65	22.5	165	K	GT876	M+S	75	2	B	C
445	65	22.5	169	K	GT876	M+S	75	2	B	C
13		22.5	154/150 (156/150)	K (G)	GAM831	M+S	74	2	B	D
295	80	22.5	152/148	K	GAM831	M+S	71	1	C	D
315	80	22.5	156/150	K	GAM831	M+S	73	2	B	D



U



Urban



Operation:

- Constant stop and go
- Frequent speed changes and turning
- Increased risk of damage from curbing impacts



GAU861 - City bus pattern designed for intensive urban usage

Features

Designed for driving in urban conditions with frequent changes in speed and direction

Extra deep tread pattern with 20.5mm grooves

Reinforced sidewalls with asymmetric sidewall wear indicators

M&S and snowflake marked

Benefits

- Delivers a high level of passenger comfort with low noise levels
- Provides excellent mileage performance
- Protects the sidewall from curbing damages and abrasions, the sidewall wear indicator indicates the correct time to rotate or demount the tyre
- Deep siping in the tread pattern provide good all season traction



GT867 - Specifically designed for constant stop and go operating conditions

Features

Extra reinforced sidewall protector ribs with robust casing construction design

M&S marked

Benefits

- High resistance to curbing and impact damage combined with high mileage performance and improved passenger comfort through reduced noise levels
- Delivers excellent all season traction and braking properties in all position usage



GAR821 - Designed for regional bus operations on all axle positions

Features

Wide pattern design for regional bus operations

Four main longitudinal tread grooves

Advanced tread block siping

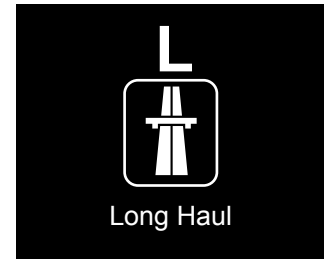
Casing construction with an optimised footprint

Benefits

- Provides excellent stability, handling and wet and dry handling properties
- Provides exceptional water evacuation and wet grip
- Reduced noise levels for improved passenger comfort
- Improved mileage performance, wear pattern and overall handling

Width	A/R	Rim	Load	Speed	Pattern	M+S	Noise (dB)	Noise Grade	Wet Grip	RR
275	70	22.5	148/145 (152/148)	J (E)	GAU861	M+S SNOWFLAKE	73	2	B	E
11		22.5	148/145	J	GT867	M+S	72	2	C	D
275	70	22.5	148/145 (152/148)	J (E)	GT867	M+S SNOWFLAKE	71	1	C	D
295	80	22.5	152/148	J	GT867	M+S SNOWFLAKE	72	1	C	D
295	80	22.5	152/148	L	GAR821	M+S SNOWFLAKE	70	1	A	D

PRODUCT RANGE



									
DIMENSION	GSR225	GT259	GT279	GDL617	GT629	GT679	GTL919	GT988+	GTL925
245/70R17.5								143/141J	
215/75R17.5								135/133J	
235/75R17.5						132/130M		143/141J	
245/70R19.5			136/134M						
245/70R19.5			141/140J						
265/70R19.5						140/138M			
285/70R19.5			146/144L 144/142M			144/142M		150/148J	
285/70R19.5			146/144L			145/143L			
10.00R20			146/143K						
11.00R20			149/145K						
12.00R20									
10R22.5			144/142M						
11R22.5			148/145M			148/144L			
385/55R22.5		158L						158L 160K	
435/50R19.5									*
295/60R22.5	*			*					
315/60R22.5	*			152/148L					
385/65R22.5		158L					158L 160K		
255/70R22.5			140/137M						
275/70R22.5	148/145M 152/148J		148/145M 152/148J						
315/70R22.5	156/150L 154/150M			154/150L 152/148M					
295/80R22.5	152/148M			152/148M	152/148M				
315/80R22.5	156/150L 154/150M			156/150L 154/150M					

* In Development



										
DIMENSION	GSR225	GAR820	GT879	GTR923	GT659+	GT678	GDR619	GDR621	GT978+	GTR990
7.50R16 LT						122/118K				
8.25R16 LT						126/122K				
205/75R17.5		124/122M					124/122M			
225/75R17.5		129/127M					129/127M			
215/75R17.5		126/124M					126/124M			
235/75R17.5		132/130M	132/130M				*			
245/70R17.5		*					*			
245/70R19.5						136/134M				
265/70R19.5			140/138M			140/138M				
265/70R19.5			143/141J	143/141J						
285/70R19.5						144/142M 145/143L				
10.00R20			146/143K							
11.00R20			149/145K							
12.00R20			154/151K							
10R22.5										
11R22.5			148/145M							
12R22.5			152/148M		152/148L					
13R22.5										
295/60R22.5	*									
315/60R22.5	*									
385/65R22.5									158L 160K	158L 160K
425/65R22.5									165K	
275/70R22.5	148/145M 152/148J									
315/70R22.5	156/150L 154/150M				154/151L			*		
295/80R22.5	152/149K				152/148M					
315/80R22.5	156/150L 154/150M				152/148M			156/150L		
12.00R24					156/150L					

PRODUCT RANGE



							
DIMENSION	GAM831	GT01	GT686	GT876	GAU861	GT867	GAR821
9.00R20		144/142K					
10.00R20		146/143K					
11.00R20		149/145K					
12.00R20		154/149K					
11R22.5		148/144M	148/145J			148/145J	
13R22.5	154/150K 156/150G	154/150L 156/150G	154/150K 156/150G				
385/65R22.5				158L 160K			
425/65R22.5				165K			
445/65R22.5				169K			
275/70R22.5					148/145J 152/148E		
295/80R22.5	152/148K		152/149K			152/148J	152/148L
315/80R22.5	154/150M 156/150L		156/150K				
12.00R24		156/153K					

Recommendations for the safe use of GT Radial truck tyres

SAFETY

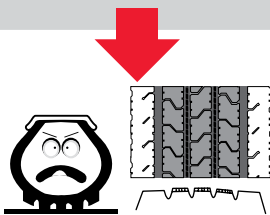
Important instructions for safe inflation



Tyre pressure directly influences tyre life and safety

Over-inflation reduces:

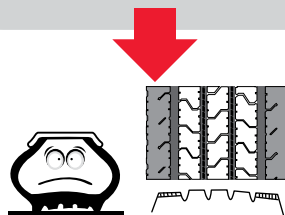
- Comfort
- Grip
- Braking distance
- Tyre life span, particularly on drive axle
- Safety



Over-inflation

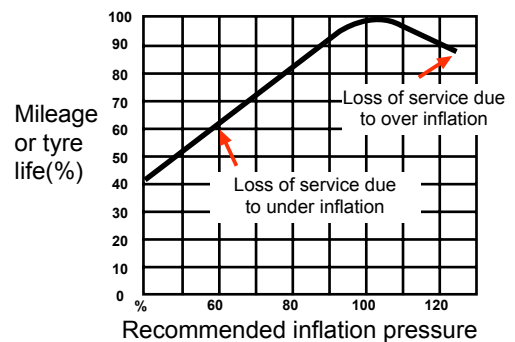
Under-inflation leads to:

- Reduced vehicle handling and safety
- A reduction in casing retreadability
- An increase of rolling resistance consequently



Under-inflation

Effect of inflation pressure on tyre life



ADVICE BEFORE INFLATION

- 1 Weigh your vehicle and its load, axle by axle, to determine tyre pressure. (pg.42-43)
- 2 Measure the pressure when cold (when the vehicle has been stationary for several hours) pressures must be checked at regular intervals and during each service.
- 3 Important safety instruction: pressure increases when the vehicle is in motion, never reduce the pressure of a hot tyre.

INFLATION METHOD



With inflation cage

- Place the tyre vertically in the inflation cage.
- Read the cage user manual.

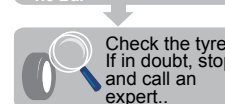


Without inflation cage

Step1



Pre-inflate tyre up to 1.5 bars. and STOP

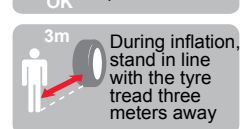


Check the tyre. If in doubt, stop and call an expert..

Step2



Inflate up to the appropriate pressure.



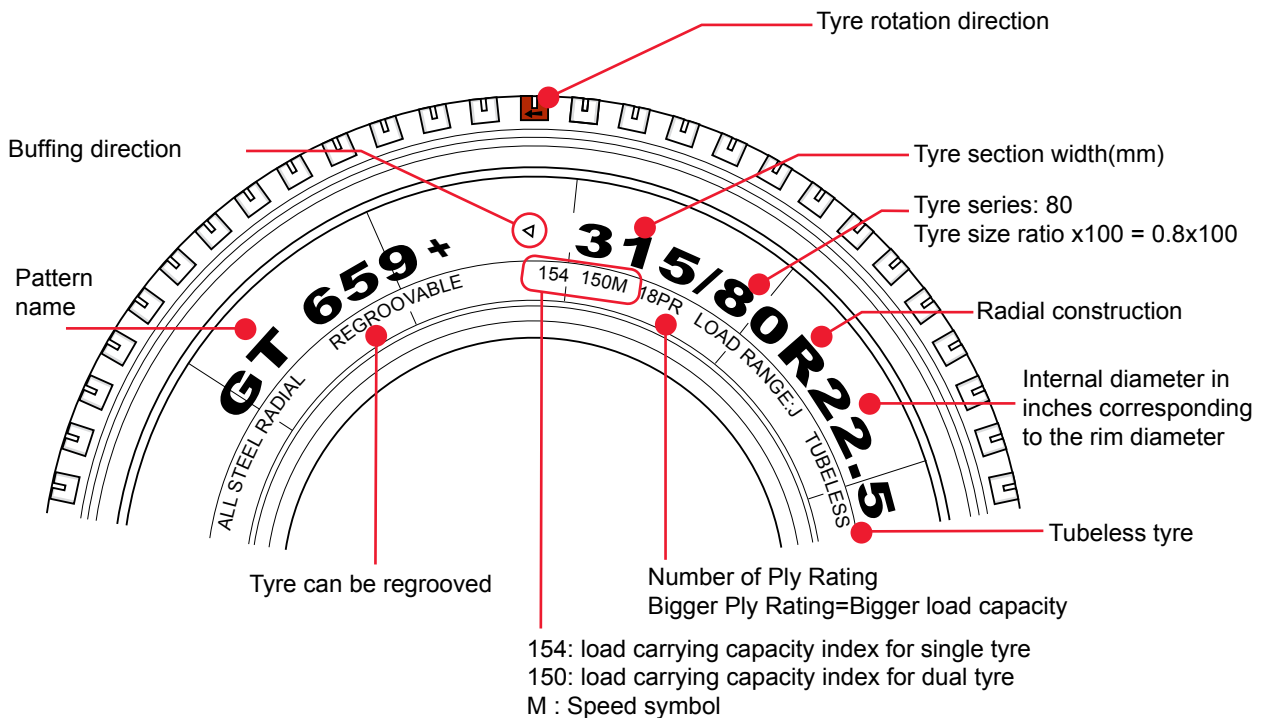
During inflation, stand in line with the tyre tread three meters away



Caution:

Driving with insufficient pressure can damage your tyres. After having driven with an underinflated tyre, do not re-inflate tyres: have your tyres fully checked over by an expert.

Designations, Load and Speed index



Refer to the Speed Symbols and Load Capacity Index tables below



Before fitting, it is essential to check the different markings to ensure that the tyres meet the maximum load and speed possibilities and/or the regulations in force.

Speed symbols

SI	km/h
B	50
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170

Load Capacity Index

LI	KG	LI	KG	LI	KG
115	1215	136	2240	157	4125
116	1250	137	2300	158	4250
117	1285	138	2360	159	4375
118	1320	139	2430	160	4500
119	1360	140	2500	161	4625
120	1400	141	2575	162	4750
121	1450	142	2650	163	4875
122	1500	143	2725	164	5000
123	1550	144	2800	165	5150
124	1600	145	2900	166	5300
125	1650	146	3000	167	5450
126	1700	147	3075	168	5600
127	1750	148	3150	169	5800
128	1800	149	3250	170	6000
129	1850	150	3350	171	6150
130	1900	151	3450	172	6300
131	1950	152	3550	173	6500

Technical Specifications

Tyre rotation direction



S Tyre section.



H Tyre height.



R Unloaded free diameter.



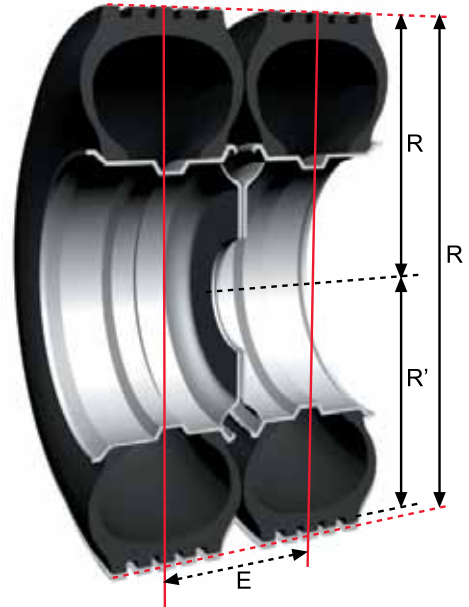
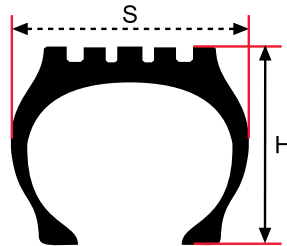
R' Loaded deflected radius.



D Rolling Circumference



E Min distance tyre sidewalls in twin fitment



Load capacity variations according to speed

Speed (km/h)	Load Capacity Variation(%)						Pressure Balance(%)
	F	G	J	K	L	M	
0	+150	+150	+150	+150	+150	+150	40
5	+110	+110	+110	+110	+110	+110	40
10	+80	+80	+80	+80	+80	+80	30
15	+65	+65	+65	+65	+65	+65	25
20	+50	+50	+50	+50	+50	+50	21
25	+35	+35	+35	+35	+35	+35	17
30	+25	+25	+25	+25	+25	+25	13
35	+19	+19	+19	+19	+19	+19	11
40	+15	+15	+15	+15	+15	+15	10
45	+13	+13	+13	+13	+13	+13	9
50	+12	+12	+12	+12	+12	+12	8
55	+11	+11	+11	+11	+11	+11	7
60	+10	+10	+10	+10	+10	+10	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

The coefficients in this table are those of the ETRTO standard and are given for information only.

Contact us for all load capacities greater than the basic load limits given by tyre markings and used in this brochure. When the coefficients in these tables lead to pressure greater than 10 bars, you must reduce the maximum load capacity to an amount which corresponds to a maximum pressure of 10 bars.

If you wish to use pressure greater than 10 bars, consult us for the tyres, check the maximum resistance of rims with your rim manufacturer and comply with regulations in force for fitting and use. The coefficients indicated in this table are taken from the ETRTO standard.

In urban and suburban traffic (M3 – class I): + 15%, when the average speed is under 40 km/h.

In intercity traffic (M3 – class II): + 10%, when speed is limited to 60 km/h.

Labelling Explained

> EU announced in 2009 the introduction of tyre labelling requirements with regard to the display of information on the fuel efficiency, wet grip and external rolling noise of tyres. (Regulation 1222/2009 with amendments EC/228/2011 and EC/1235/2011)

> Its aim is to increase the safety and the environmental and economic efficiency of road transport in Europe. The labelling will allow end-users to make more informed choices when purchasing tyres.

> The regulation affects the following tyre categories:

C1 = Passenger car, C2 = Light commercial and C3 = Commercial truck and bus.

> The labelling regulation came into effect from 1st November 2012, when all C1, C2 or C3 that are displayed at any point of sale should have the new label information visible.

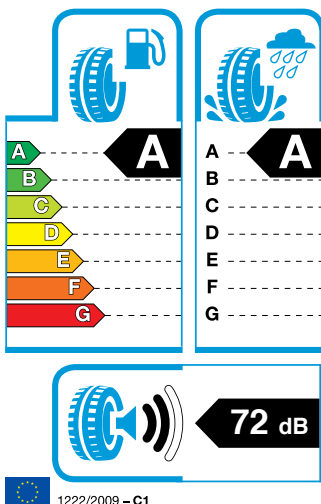
For passenger car and light commercial vehicle tyres the labelling information will be shown via a sticker on the tyre.

The label information will also be visible throughout technical promotional literature such as; catalogues, leaflets and product websites.

Some tyres are excluded from the labelling requirements:

- Tyres designed to be fitted only to vehicles registered for the first time before 1 October 1990
- Tyres whose nominal rim diameter does not exceed 254 mm or is 635 mm or more
- Tyres designed only to be fitted on vehicles intended exclusively for racing
- Tyres fitted with additional devices to improve traction properties, such as studded tyres
- T-type temporary-use spare tyres
- Off-road professional tyres
- Tyres whose speed rating is less than 80 km/h
- Re-treaded tyres

WHAT DOES THE LABEL INFORM ABOUT?



The label contains 3 performance criteria:

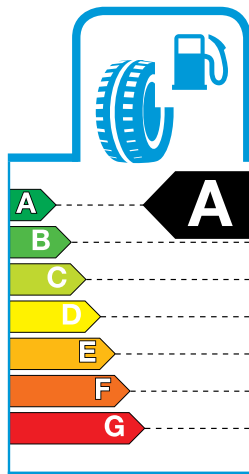
- Fuel Efficiency
- Wet Grip
- Exterior tyre noise from contact to road surface

For Fuel Efficiency and Wet Grip, the performance is expressed in 7 classes ranging from A (the most efficient) to G (the least efficient).

For noise, the measured value is present on the label together with 3 symbolic sound waves (one wave is lowest noise and 3 waves for the highest noise rating)

For Illustration Purposes only.

FUEL EFFICIENCY



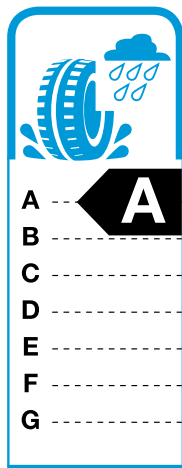
For Illustration Purposes only.

Fuel consumption is influenced by the rolling resistance of the tyres caused by tyre deformation when rotating, resulting in energy losses in the form of heat. The higher the deformation, the higher the tyre rolling resistance and consequently the more fuel is required to move the vehicle forward. In other words, lower rolling resistance means lower fuel consumption and therefore lower vehicle emissions, including CO₂.

The new label will display different grades in "rolling resistance" where A is the most "fuel efficient" and G the least efficient in class. The black arrow next to the grading indicates the performance level of the product.

Customers should be made aware that the actual fuel savings and road safety depend heavily on the behaviour of drivers, in particular the following: eco-driving can significantly reduce fuel consumption; the tyre pressure needs to be correct and regularly checked for optimum fuel efficiency.

WET GRIP



For Illustration Purposes only.

The most important role of a tyre is to provide safety - in all weather conditions. Wet traction or grip is one of the most important performance characteristics of any tyre.

There is typically a performance trade-off when combining noise, fuel efficiency and safety performances like wet grip. The labelling will allow customers to prioritise for themselves their preferred performances.

The label will display a range of 7 grades where tyres with an "A" provide the highest levels of wet grip and "G" the lowest.

EXTERIOR TYRE NOISE



For Illustration Purposes only.

Exterior tyre 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 in 2016.

- One black sound wave = 3dB less than the future tighter European limit.
- Two black sound waves = already compliant with the future European limit.
- Three black sound waves = compliant with the current European limit.

We at GT RADIAL welcome this new labelling system since we are convinced it will guide our customers towards using safer, quieter and more fuel efficient tyres. Our Research and Development Team have taken great care in designing tyres that meet the highest safety and environmental standards and we are confident it will satisfy our customers.

ECE safety and noise and label gradings

Width	A/R	Rim	Load	Speed	Pattern	Material Code	EAN CODE	M+S	ECE 54	ECE 1117	Noise (dB)	Noise Grade	Wet Grip	RR
16-STD														
7.50		16	122/118	K	GT678	100EV153G	6924699175167	M+S	E4-0016895	E4-000155-S	74	2	C	D
8.25		16	126/122	K	GT678	100EV006G	6924699175372	M+S	E4-0023277	E4-000155-S	74	2	C	E
17.5-70														
245	70	17.5	143/141 (144/144)	J (F)	GT988+	100EV870G	6924699184848		E4-0019379	E4-000144-S	70	1	C	C
245	70	17.5	136/134	M	GAR820	100EV878G	6924699131323	M+S SNOWFLAKE	E4-0026056	E4-025002 S2R1	75	2	C	D
17.5-75														
205	75	17.5	124/122	M	GAR820	100EV1201G	6924699131330	M+S SNOWFLAKE	E4-0026054	E4-025002 S2R1	75	2	C	E
205	75	17.5	124/122	M	GDR619	100EV1200G	6924699131279	M+S SNOWFLAKE	E4-0026054	E4-013057 S	75	2	C	E
215	75	17.5	126/124	M	GAR820	100EV334G	6924699181939	M+S SNOWFLAKE	E4-0015320	E4-025002 S2R1	75	2	C	E
215	75	17.5	126/124	M	GT879	100EV583G	6924699183957		E4-0014615	E4-000158-S	70	1	C	D
215	75	17.5	126/124	M	GDR619	100EV338G	6924699185326	M+S SNOWFLAKE	E4-0015320	E4-013057 S	75	2	C	E
215	75	17.5	126/124	M	GT679	100EV582G	6924699183940	M+S	E4-0015320	E4-000138-S	73	2	C	E
215	75	17.5	135/133	J	GT988+	100EV584G	6924699184015		E4-0014616	E4-000144-S	70	1	C	D
225	75	17.5	129/127	M	GAR820	100EV1211G	6924699131163	M+S SNOWFLAKE	E4-0026055	E4-025002 S2R1	75	2	C	E
225	75	17.5	129/127	M	GDR619	100EV1210G	6924699131071	M+S SNOWFLAKE	E4-0026055	E4-013057 S	75	2	C	E
235	75	17.5	132/130	M	GAR820	100EV1077G	6924699131538	M+S SNOWFLAKE	E4-0015322	E4-025002 S2R1	75	2	C	D
235	75	17.5	132/130	M	GT879	100EV646G	6924699184299		E4-0014618	E4-000158-S	70	1	C	D
235	75	17.5	132/130	M	GT679	100EV644G	6924699184275	M+S	E4-0015322	E4-000138-S	73	2	C	E
235	75	17.5	143/141	J	GT988+	100EV642G	6924699184336		E4-0020039	E4-000144-S	70	1	C	D
19.5-70														
245	70	19.5	136/134	M	GT279	100EV662G	6924699184442		E4-0015323	E4-000170-S	70	1	C	D
245	70	19.5	136/134	M	GT678	100EV663G	6924699184473	M+S	E4-0016591	E4-000155-S	74	2	C	D
245	70	19.5	141/140	J	GT279	100EV750G	6924699184480		E4-0014625	E4-000170-S	70	1	C	D
265	70	19.5	140/138	M	GT879	100EV780G	6924699184640		E4-0015324	E4-000158-S	70	1	B	D
265	70	19.5	140/138	M	GT678	100EV782G	6924699184671	M+S	E4-0015301	E4-000155-S	74	2	C	D
265	70	19.5	140/138	M	GT679	100EV781G	6924699184657	M+S	E4-0015301	E4-000138-S	74	2	C	E
265	70	19.5	143/141	J	GT879	100EV789G	6924699184695		E4-0015325	E4-000158-S	70	1	B	D
265	70	19.5	143/141	J	GTR923	100EV785G	6924699132214	M+S SNOWFLAKE	E4-0026058	E4-024998 S2R1	73	2	B	D
285	70	19.5	146/144 (144/142)	L (M)	GT279	100EV724G	6924699184558		E4-0019381	E4-000170-S	70	1	C	C
285	70	19.5	144/142 (145/143)	M (L)	GT678	100EV725G	6924699184527	M+S	E4-0015304	E4-000155-S	75	2	C	D
285	70	19.5	144/142 (145/143)	M (L)	GT679	100EV726G	6924699184534	M+S	E4-0015304	E4-000138-S	74	2	C	D
285	70	19.5	150/148	J	GT988+	100EV727G	6924699184596		E4-0019382	E4-000144-S	70	1	B	C
20-STD														
9.00		20	144/142	K	GT01	100EV035G	6924699175815		E4-0013705	E4-000135-S	72	2	C	D
10.00		20	146/143	K	GT01	100EV040G	6924699176171		E4-0020884	E4-000135-S	72	2	C	D
11.00		20	150/147	K	GT01	100EV277G	6924699185487		E4-0020885	E4-000135-S	72	2	C	D
12.00		20	154/151	K	GT01	100EV295G	6924699185340		E4-0015126	E4-000135-S	72	2	C	D
12.00		20	154/151	K	GT669+	100EV233G	6924699177864		E4-0019589	E4-011582-S	75	2	B	D
22.5-90														
9		22.5	136/134	M	GT268	100EV462G	6924699178502		E4-0013414	E4-000141-S	72	2	C	D
10		22.5	141/139	M	GT688	100EV472G	6924699178519	M+S	E4-0015311	E4-000156-S	73	2	B	D
10		22.5	144/142	M	GT279	100EV477G	6924699181946		E4-0022616	E4-000170-S	70	1	B	D
11		22.5	148/145	M	GT879	100EV615G	6924699179585		E4-0014346	E4-000158-S	70	1	B	D
11		22.5	148/145	M	GT276	100EV745G	6924699179653		E4-0014346	E4-000157-S	72	2	C	D
11		22.5	148/145	M	GT279	100EV611G	6924699179578		E4-0014346	E4-000170-S	70	1	B	D
11		22.5	148/144	M	GT01	100EV830G	6924699179561	M+S	E4-0015315	E4-000136-S	72	2	C	D
11		22.5	148/144	M	GT688	100EV746G	6924699179684	M+S	E4-0015315	E4-000156-S	74	2	B	D
11		22.5	148/144	L	GT679	100EV744G	6924699179660	M+S	E4-0015314	E4-000138-S	74	2	B	D
11		22.5	148/145	J	GT686	100EV834G	6924699179738	M+S	E4-0020878	E4-010434-S	N/A	N/A	N/A	N/A
11		22.5	148/145	J	GT867	100EV748G	6924699165755	M+S	E4-0018072	E4-000173 S	72	2	C	D

Width	A/R	Rim	Load	Speed	Pattern	Material Code	EAN CODE	M+S	ECE 54	ECE 1117	Noise Data (dB)	Noise Grade	Wet Grip	RR
12		22.5	152/148	M	GT879	100EV488G	6924699178588		E4-0014351	E4-000158-S	70	1	B	C
12		22.5	152/148	L	GT276	100EV484G	6924699178595		E4-0014352	E4-025115 S2R2	72	2	B	C
12		22.5	152/148	L	GT659+	100EV1222G	6924699132740	M+S SNOWFLAKE	E4-0015317	E4-010431-S	75	2	B	D
12		22.5	152/148	L	GT679	100EV487G	6924699178571	M+S	E4-0015317	E4-000138-S	74	2	B	D
12		22.5	152/148	K	GT686	100EV366G	6924699185333	M+S	E4-0024027	E4-010434 S	N/A	N/A	N/A	N/A
								#N/A						
13		22.5	154/150	L	GT276	100EV440G	6924699178298		E4-0026120	E4-025115 S2R2	72	2	B	C
13		22.5	154/150 (156/150)	L (K)	GT01	100EV448G	6924699178342	M+S	E4-0017307	E4-000136-S	73	2	B	D
13		22.5	154/150 (156/150)	K (G)	GT686	100EV420G	6924699178373	M+S	E4-0016126	E4-010434-S	N/A	N/A	N/A	N/A
13		22.5	154/150 (156/150)	K (G)	GAM831	100EV424G	6924699179592	M+S	E4-0015319	E4-024052 S1R2	74	2	B	D
22.5-80														
295	80	22.5	152/148	M	GSR225	100EV1163G	6924699131309		E4-0019847	E4-024999 S2R2	73	2	B	D
295	80	22.5	152/149	M	GSR220	100EV1169G	6924699130159		E4-0021106	E4-012507 S	70	1	B	C
295	80	22.5	152/148	L	GAR821	100EV818G	6924699182318	M+S SNOWFLAKE	E4-0020486	E4-000173-S	70	1	A	D
295	80	22.5	152/148	K	GT276	100EV517G	6924699182196		E4-0015307	E4-025115 S2R2	72	2	B	C
295	80	22.5	152/148	M	GT659+	100EV1166G	6924699132863	M+S SNOWFLAKE	E4-0015306	E4-010431-S	75	2	B	D
295	80	22.5	152/148	M	GT679	100EV519G	6924699182189	M+S SNOWFLAKE	E4-0015306	E4-000138-S	74	2	B	D
295	80	22.5	152/148	M	GDL617	100EV1161G	6924699130104	M+S SNOWFLAKE	E4-0015306	E4-011587 S	74	2	B	D
295	80	22.5	152/148	M	GT629	100EV814G	6924699182264	M+S SNOWFLAKE	E4-0015306	E4-010433-S	74	2	B	D
295	80	22.5	152/149	K	GT686	100EV380G	6924699182349	M+S	E4-0020880	E4-010434-S	N/A	N/A	N/A	N/A
295	80	22.5	152/148	J	GT867	100EV375G	6924699185548	M+S SNOWFLAKE	E4-0017315	E4-000173 S	72	1	C	D
295	80	22.5	152/148	K	GAM831	100EV1164G	6924699132207	M+S	E4-0026057	E4-025000 S2R2	71	1	C	D
315	80	22.5	156/150 (154/150)	L (M)	GSR225	100EV1260G	6924699131941		E4-0019841	E4-024999 S2R2	73	2	B	D
315	80	22.5	156/150 (154/150)	L (M)	GSR220	100EV1187G	6924699130692		E4-0019841	E4-012507-S	70	1	B	C
315	80	22.5	154/151 (156/151)	K (J)	GT276	100EV547G	6924699183322		E4-0013901	E4-025115 S2R2	73	2	B	C
315	80	22.5	154/151 (156/151)	L (K)	GT01	100EV712G	6924699183292	M+S	E4-0017311	E4-000136-S	72	2	B	D
315	80	22.5	154/150 (156/150)	M (L)	GT659+	100EV1261G	6924699132801	M+S SNOWFLAKE	E4-0019842	E4-010431-S	75	2	B	E
315	80	22.5	156/150 (154/150)	L (M)	GDR621	100EV896G	6924699183582	M+S SNOWFLAKE	E4-0019842	E4-011586-S	76	3	B	D
315	80	22.5	156/150 (154/150)	L (M)	GDL617	100EV898G	6924699183605	M+S SNOWFLAKE	E4-0019842	E4-011587-S	74	2	C	D
315	80	22.5	156/150	K	GT686	100EV546G	6924699183384	M+S	E4-0017511	E4-010434-S	N/A	N/A	N/A	N/A
315	80	22.5	156/150	K	GAM831	100EV899G	6924699186910	M+S	E4-0024811	E4-024052 S1R2	73	2	B	D
22.5-70														
255	70	22.5	140/137	M	GT279	100EV591G	6924699184046		E4-0022615	E4-000170-S	70	1	B	D
275	70	22.5	148/145 (152/148)	M (J)	GT279	100EV627G	6924699184060		E4-0021414	E4-000170-S	70	1	B	D
275	70	22.5	148/145 (152/148)	M (J)	GSR225	100EV776G	6924699131514		E4-0021414	E4-024999 S2R2	73	2	C	C
275	70	22.5	148/145	K	GT676	100EV626G	6924699184114	M+S	E4-0018790	E4-000172-S	74	2	C	D
275	70	22.5	148/145 (152/148)	J (E)	GAU861	100EV772G	6924699189744	M+S SNOWFLAKE	E4-0016898	E4-012508 S	73	2	B	E
275	70	22.5	148/145 (152/148)	J (E)	GT867	100EV774G	6924699185524	M+S SNOWFLAKE	E4-0016898	E4-000173-S	71	1	C	D
315	70	22.5	156/150 (154/150)	L (M)	GSR225	100EV1172G	6924699131958		E4-0026385	E4-024999 S2R2	73	2	B	D
315	70	22.5	154/150 (152/148)	L (M)	GSR220	100EV1171G	6924699131460		E4-0016125	E4-012507 S	70	1	B	C
315	70	22.5	154/151 (152/148)	L (M)	GT659+	100EV635G	6924699184251	M+S SNOWFLAKE	E4-0016124	E4-010431-S	75	2	B	D
315	70	22.5	154/150 (152/148)	L (M)	GDL617	100EV1170G	6924699186903	M+S SNOWFLAKE	E4-0016124	E4-011587 S	74	2	B	D
22.5-65														
385	65	22.5	158 (160)	L (K)	GT259	100EV413G	6924699183889		E4-0014953	E4-010895-S	70	1	B	C
385	65	22.5	158 (160)	L (K)	GT978+	100EV559G	6924699186514		E4-0014953	E4-011583 S	73	2	B	C
385	65	22.5	158 (160)	L (K)	GTL919	100EV410G	6924699185173		E4-0019845	E4-012834 S	69	1	B	C
385	65	22.5	158 (160)	L (K)	GT876	100EV556G	6924699183841	M+S SNOWFLAKE	E4-0015390	E4-010430-S	74	2	B	C
425	65	22.5	165	K	GT978+	100EV851G	6924699186484		E4-0024028	E4-011583 S	73	2	B	C
425	65	22.5	165	K	GT876	100EV850G	6924699184824	M+S	E4-0017313	E4-010430-S	75	2	B	C
445	65	22.5	169	K	GT876	100EV840G	6924699184817	M+S	E4-0017314	E4-010430-S	75	2	B	C
22.5-60														
315	60	22.5	154/148	L	GSR225	100EV349G	6924699131170		E4-0026121	E4-024999 S2R2	73	2	B	D
315	60	22.5	152/148	L	GDL617	100EV340G	6924699184909	M+S SNOWFLAKE	E4-0023685	E4-011587 S	74	2	C	D
22.5-55														
385	55	22.5	158 (160)	L (K)	GT259	100EV829G	6924699184800		E4-0019383	E4-010895-S	70	1	B	C
385	55	22.5	158 (160)	L (K)	GT988+	100EV820G	6924699184749	M+S	E4-0017312	E4-000145-S	71	2	B	C

Technical Specifications

TECHNICAL SPECIFICATIONS																								
Bead	Series	Size	Pattern	Index	Index 2	PR	M+S	Type		APPROVED RIMS					TD	Min Dual	LOAD SINGLE	LOAD DUAL	Index	S=Single D=Dual	4.50	4.75		
16	100	7.50R16	GT678 GT886	122/118K 122/118K		14 14	M+S	TT TT	6.00G	5.50F;6.50H	215	802	375	2446	12.5 12.5	242	1500	1320	122 118	S D	2010 3670	2120 3850		
16	100	8.25R16	GT678 GT886	126/122K 126/122K		14 14	M+S	TT TT	6.50H	6.00G	235	860	397	2623	13.0 12.5	269	1700	1500	126 122	S D	2320 3930	2440 4160		
17.5	75	205/75R17.5	GAR820 GDR619	124/122M 124/122M		12 12	M+S M+S	TL TL	6.00	5.25-6.75	205	753	350	2297	12.5 14.0	239	1600	1500	124 122	S D	2300 4310	2410 4520		
17.5	75	215/75R17.5	GT679 GT879 GAR820 GDR619	126/124M 126/124M 126/124M 126/124M		12 12 14 14	M+S M+S M+S M+S	TL TL TL TL	6.00	6.75	211	767	360	2339	14.5 12.7 13.0 14.5	239	1700	1600	126 124	S D	2280 4300	2400 4510		
17.5	75	215/75R17.5	GT988+	135/133 J		16		TL	6.00	6.75	211	767	360	2339	14.0	239	2180	2060	135 133	S D				
17.5	75	225/75R17.5	GAR820 GDR619	129/127 M 129/127 M		14 14	M+S M+S	TL TL	6.75	6.00	226	783	366	2388	13.0 15.0	254	1850	1750	129 127	S D	2490 4700	2610 4940		
17.5	75	235/75R17.5	GT679 GT879 GAR820	132/130M 132/130M 132/130M		14 14 14	M+S M+S M+S	TL TL TL	6.75	7.50	233	797	373	2431	15.0 12.7 13.5	262	2000	1900	132 130	S D	2560 4960	2680 5180		
17.5	75	235/75R17.5	GT879 GT988+	143/141 J 143/141 J	(144/144F) (144/144F)	16 16		TL TL	6.75	7.50	233	797	373	2431	12.7 13.5	262	2725 (2800)	2575 (2800)	143 141	S D				
17.5	75	245/70R17.5	GAR820	136/134M		14	M+S	TL	7.50	6.75	248	789	367	2406	13.0	279	2240	2129	136	S D				
17.5	70	245/70R17.5	GT988+	143/141 J	(144/144F)	16		TL	7.50	6.75	248	789	367	2406	14.0	279	2725 (2800)	2575 (2800)	143 141	S D				
19.5	70	245/70R19.5	GT279 GT678	136/134M 136/134M		16 16	M+S	TL TL	7.50	6.75	248	839	392	2559	14.0 15.0	279	2240	2120	136 134	S D				
19.5	70	245/70R19.5	GT279	141/140J		18		TL	7.50	6.75	248	839	392	2559	14.0	279	2575	2500	141 140	S D				
19.5	70	265/70R19.5	GT678 GT679 GT879	140/138M 140/138M 140/138M		16 16 16	M+S M+S M+S	TL TL TL	7.50	6.75;8.25	262	867	411	2644	15.0 16.5 14.5	295	2500	2360	140 138	S D				
19.5	70	265/70R19.5	GT879 GTR923	143/141 J 143/141 J		18 18	M+S	TL TL	7.50	6.75;8.25	262	867	411	2644	14.5 15.0	295	2725	2575	143 141	S D				
19.5	70	285/70R19.5	GT678 GT679	144/142M 144/142M	(145/143L) (145/143L)	16 16	M+S M+S	TL TL	8.25	7.50;9.00	283	895	413	2730	15.0 16.0	318	2800 (2900)	2650 (2725)	144 142	S D				
19.5	70	285/70R19.5	GT279	146/144L	(144/142M)	16		TL	8.25	7.50;9.00	283	895	413	2730	13.5	318	3000 (2800)	2800 (2650)	146 144	S D				
19.5	70	285/70R19.5	GT988+	150/148J		18		TL	8.25	7.50;9.00	283	895	413	2730	13.5	318	3350	3150	150 148	S D				
19.5	50	435/50R19.5	GTL925	160 J				TL	14.00	15.00	438	931	431	2821	14.0	-	4500	-	160	S				
20	100	9.00R20	GT01	144/142 K		16		TT	7.0	7.5;7.00	259	1018	471	3105	15.0	297	2800	2650	144 142	S D				
20	100	10.00R20	GT01 GT279 GT669 GT879	146/143K 146/143K 146/143K 146/143K		16 16 16 16		TT TT TT TT	7.5	8.0;7.50	278	1052	493	3209	16.0 17.0 17.5 14.5	316	3000	2725	146 143	S D				
20	100	11.00R20	GT01 GT279 GT669 GT879	149/145 K 149/145 K 149/145 K 149/145 K		16 16 16 16		TT TT TT TT	8.0	8.5;8.00	293	1082	507	3300	16.5 15.0 17.5 14.5	330	3250	2900	149 145	S D				
20	100	12.00R20	GT01	154/149 K		18		TT	8.5	8.50;9.00	315	1122	526	3422	17.0	344	3750	3250	154 149	S D				
20	100	12.00R20	GT279 GT669 GT879	154/151 K 154/151 K 154/151 K		18 18 18		TT TT TT	8.5	8.50;9.00	315	1125	526	3431	17.5 17.5 14.5	344	3750	3450	154 151	S D				

LOAD CAPACITY by AXLE (kg) and PRESSURE (bar)																	
	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
	2230 4030	2340 4210	2450 4390	2560 4570	2670 4750	2780 4930	2890 5100	3000 5280									
	2560 4390	2680 4620	2800 4850	2920 5080	3040 5310	3160 5540	3280 5770	3400 6000									
	2530 4740	2640 4950	2750 5160	2870 5370	2980 5580	3090 5790	3200 6000										
	2510 4730	2620 4940	2740 5150	2850 5360	2960 5570	3070 5780	3180 5990	3290 6190	3400 6400								
			2920 5480	3040 5710	3160 5940	3280 6170	3400 6400	3520 6630	3640 6860	3760 7090	3880 7320	4000 7550	4120 7780	4240 8010	4360 8240		
	2730 5170	2860 5400	2980 5630	3100 5860	3220 6090	3340 6320	3460 6550	3580 6770	3700 7000								
	2800 5400	2920 5620	3040 5840	3160 6060	3280 6280	3400 6500	3520 6720	3640 6940	3760 7160	3880 7380	4000 7600						
			3620 6910	3760 7180	3890 7420	4020 7660	4150 7900	4280 8140	4410 8380	4540 8620	4670 8860	4800 9100	4930 9340	5060 9580	5190 9820	5320 10060	5450 10300
	2930 5560	3070 5800	3200 6050	3330 6300	3460 6550	3590 6790	3720 7030	3840 7280	3970 7520	4100 7760	4230 8000	4350 8240	4480 8480				
			3500 6610	3640 6880	3780 7150	3930 7420	4070 7680	4210 7950	4350 8210	4490 8480	4630 8740	4760 9000	4900 9260	5040 9520	5180 9780	5310 10040	5450 10300
	3040 5720	3160 5950	3280 6180	3400 6410	3520 6640	3640 6870	3760 7100	3880 7330	4000 7560	4120 7790	4240 8020	4360 8250	4480 8480				
			3470 6760	3620 7030	3760 7310	3910 7580	4050 7850	4190 8130	4320 8400	4460 8670	4600 8930	4740 9200	4880 9470	5010 9730	5150 10000		
	3350 6310	3500 6590	3650 6880	3800 7160	3950 7450	4100 7730	4250 8020	4400 8300	4550 8590	4700 8870	4850 9160	5000 9440					
			3620 6910	3760 7180	3890 7420	4020 7660	4150 7900	4280 8140	4410 8380	4540 8620	4670 8860	4800 9100	4930 9340	5060 9580	5190 9820	5320 10060	5450 10300
	3760 7300	3930 7600	4000 7570	4160 7870	4320 8180	4480 8490	4650 8790	4810 9100	4970 9400	5130 9700	5280 10000	5440 10300	5600 10600				
	3850 7190	4010 7480	4170 7780	4320 8070	4480 8360	4630 8650	4790 8930	4940 9220	5090 9510	5240 9790	5400 10070	5550 10360	5700 10640	5850 10920	6000 11200		
			4300 8090	4480 8420	4650 8750	4830 9070	5000 9400	5170 9730	5340 10050	5520 10370	5690 10690	5860 11010	6030 11330	6200 11650	6360 11970	6530 12280	6700 12600
					6250	6480	6720	6940	7180	7410	7640	7870	8090	8320	8550	8770	9000
	3670 6940	3830 7260	4000 7570	4160 7870	4320 8180	4480 8490	4650 8790	4810 9100	4970 9400	5130 9700	5280 10000	5440 10300	5600 10600				
	3960 7300	4130 7600	4300 7900	4470 8200	4640 8500	4810 8800	4980 9100	5150 9400	5320 9700	5490 10000	5660 10300	5830 10600	6000 10900				
	4400 7820	4550 8090	4700 8360	4850 8630	5000 8900	5150 9170	5300 9440	5450 9710	5600 9980	5750 10250	5900 10520	6050 10790	6200 11060	6350 11330	6500 11600		
			5100 8790	5300 9140	5500 9500	5700 9860	5900 10210	6100 10560	6300 10920	6500 11270	6700 11620	6900 11960	7100 12310	7300 12660	7500 13000		
			5100 8880	5300 9290	5500 9700	5700 10110	5900 10520	6100 10930	6300 11340	6500 11750	6700 12160	6900 12570	7100 12980	7300 13390	7500 13800		

Technical Specifications

TECHNICAL SPECIFICATIONS																							
Bead	Series	Size	Pattern	Index	Index 2	PR	M+S	Type	 GITI	APPROVED RIMS					TD	Min Dual	LOAD SINGLE	LOAD DUAL	Index	S=Single D=Dual	4.50	4.75	
22.5	90	9R22.5	GT268	136/134M		14		TL	6.75	6.00/7.50	229	970	456	2959	14.0	259	2240	2120	136 134	S D		3160 5980	
22.5	90	10R22.5	GT279 GT688	141/139M 141/139M		14 14	M+S	TL TL	7.50	6.75	254	1020	476	3111	14.0 16.0	286	2575	2430	141 139	S D			
22.5	90	11R22.5	GT01 GT679 GT688	148/144M 148/144L 148/144M		16 16 16	M+S M+S M+S	TL TL TL	8.25	7.50	279	1050	493	3203	16.0 20.5 17.5	314	3150	2800	148 144	S D			
22.5	90	11R22.5	GT276 GT279 GT867 GT879	148/145M 148/145M 148/145J 148/145M		16 16 16 16	M+S	TL TL TL TL	8.25	7.50	279	1050	493	3203	17.5 17.0 19.5 17.0	314	3150	2900	148 145	S D			
22.5	90	12R22.5	GT276 GT659+ GT679 GT879	152/148L 152/148L 152/148L 152/148M		16 16 16 16	M+S M+S	TL TL TL TL	9.00	8.25	300	1084	507	3306	17.5 23.0 20.5 17.5	338	3550	3150	152 148	S D			
22.5	90	13R22.5	GT01 GT276 GT676 GT686 GAM831	154/150L 154/150L 154/150K 154/150K 154/150K	(156/150K) (156/150G) (156/150G) (156/150G)	18 18 18 18 18	M+S M+S M+S M+S	TL TL TL TL TL	9.75	9.00	320	1124	521	3428	17.0 17.5 20.5 24.0 18.0	360	3750 (4000)	3350 (3350)	154 150	S D			
22.5	80	295/80R22.5	GT276 GT279 GT629 GT659+ GT679 GT867 GT879 GAR821 GSR220 GSR225 GDL617 GAM831	152/148K 152/148M 152/148M 152/148M 152/148M 152/148J 152/148M 152/148L 152/148M 152/148M 152/148M 152/148K		16 16 16 16 16 16 16 16 16 16 16 16	M+S M+S M+S M+S M+S M+S M+S	TL TL TL TL TL TL TL TL TL TL TL TL	9.00	8.25	298	1044	487	3184	17.5 17.0 17.9 23.5 20.5 19.0 17.0 18.5 15.0 17.0 17.5 17.5	335	3550	3150	152 148	S D			
22.5	80	295/80R22.5	GT686	152/149K		16	M+S	TL	9.00	8.25	298	1044	487	3184	22.5	335	3550	3150	152 149	S D			
22.5	80	315/80R22.5	GT01 GT276 GT279 GT679 GT879	154/151L 154/151K 154/151M 154/151M 154/151M	(156/151K) (156/151J) (156/151L) (156/151L) (156/151L)	18 18 18 18 18	M+S M+S	TL TL TL TL TL	9.00	9.75	312	1076	500	3282	17.0 18.5 17.0 20.5 17.0	351	3750 (4000)	3450 (3450)	154 151	S D			
22.5	80	315/80R22.5	GT659+ GT676 GT686 GDL617 GDR621 GAM831 GSR220 GSR225	156/150L 156/150K 156/150K 156/150L 156/150L 156/150K 156/150L 156/150L	(154/150M) (154/150M) (154/150M) (154/150L) (154/150M) (154/150M)	18 18 18 18 18 18 18 18	M+S M+S M+S M+S M+S M+S	TL TL TL TL TL TL TL TL	9.00	9.75	312	1076	500	3282	23.5 20.5 23.5 18.5 23.0 18.0 17.0 16.8	351	4000 (3750)	3350 (3350)	156 150	S D			

LOAD CAPACITY by AXLE (kg) and PRESSURE (bar)																	
	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
	3310 6260	3460 6550	3610 6830	3750 7100	3900 7380	4050 7660	4190 7930	4340 8210	4480 8480								
	3350 6480	3550 6840	3750 7200	3950 7560	4150 7920	4350 8280	4550 8640	4750 9000	4950 9360	5150 9720							
	4140 7340	4320 7670	4500 7990	4680 8320	4860 8650	5040 8970	5220 9290	5400 9610	5580 9930	5760 10250	5940 10570	6120 10880	6300 11200				
	4140 7640	4320 7970	4500 8300	4680 8630	4860 8960	5040 9290	5220 9620	5400 9950	5580 10280	5760 10610	5940 10940	6120 11270	6300 11600				
			4700 8520	4900 8860	5100 9200	5300 9540	5500 9880	5700 10220	5900 10560	6100 10900	6300 11240	6500 11580	6700 11920	6900 12260	7100 12600		
			5350 9560	5570 9950	5790 10340	6010 10730	6220 11120	6440 11500	6650 11880	6860 12260	7080 12640	7290 13020	7500 13400				
			4700 8520	4900 8860	5100 9200	5300 9540	5500 9880	5700 10220	5900 10560	6100 10900	6300 11240	6500 11580	6700 11920	6900 12260	7100 12600		
			4700 8790	4900 9140	5100 9500	5300 9860	5500 10210	5700 10560	5900 10920	6100 11270	6300 11620	6500 11960	6700 12310	6900 12660	7100 13000		
			5070 9330	5280 9710	5480 10090	5690 10460	5890 10840	6090 11210	6300 11590	6500 11960	6700 12330	6900 12700	7100 13070	7500 13800			
			5410 9060	5630 9430	5850 9790	6070 10160	6280 10530	6500 10890	6720 11250	6930 11610	7150 11970	7360 12330	7580 12690	7790 13400	8000		

Technical Specifications

TECHNICAL SPECIFICATIONS																							
Bead	Series	Size	Pattern	Index	Index 2	PR	M+S	Type	 GITI	APPROVED RIMS					TD	Min Dual	LOAD SINGLE	LOAD DUAL	Index	S=Single D=Dual	4.50	4.75	
22.5	75	295/75R22.5	GT679	144/141L		14	M+S	TL	9.00	8.25	298	1014	474	3093	20.5	335	2800	2575	144 141	S D			
22.5	70	255/70R22.5	GT279 GT979	140/137M 140/137L	(140/140 L) (in prep)	16		TL	7.50	6.75;8.25	255	930	435	2837	14.0 10.5	287	2500 (2500)	2300 (2500)	140 137	S D			
22.5	70	275/70R22.5	GT279 GT676 GT867 GAU861 GSR225	148/145M 148/145K 148/145J 148/145J 148/145M	(152/148J) (152/148E) (152/148E) (152/148J)	16 16 16 16 16	M+S M+S M+S	TL TL TL TL TL	8.25	7.50	276	958	446	2922	15.0 21.0 19.0 20.2 15.0	311	3150 (3550)	2900 (3150)	148 145	S D			
22.5	70	315/70R22.5	GT279 GT659+ GT679 GSR220 GDL617	154/150L 154/150L 154/150L 154/150L 154/150L	(152/148M) (152/148M) (152/148M) (152/148M) (152/148M)	18 18 18 18 18	M+S M+S M+S	TL TL TL TL TL	9.00	9.75	312	1014	467	3093	14.5 23.5 20.5 15.0 17.5	351	3750 (3550)	3350 (3150)	154 150	S D			
22.5	70	315/70R22.5	GSR225	156/150L	(154/150M)	18		TL	9.00	9.75	312	1014	467	3093	15.5	351	4000 (3750)	3350 (3350)	156 150	S D			
22.5	65	385/65R22.5	GT269 GT259 GT876 GT888 GT978+ GT988+	158L 158L 158L 158L 158L 158L	(160K) (160K) (160K) (160K) (160K) (160K)	18 18 18 18 18 18	M+S M+S M+S	TL TL TL TL TL TL	11.75	12.25	389	1072	501	3248	14.0 15.0 17.9 15.0 15.5 14.0	-	4250 (4500)	-	158 160	S S			
22.5	65	425/65R22.5	GT876 GT978+	165 K 165 K		20 20	M+S	TL TL	13.00	11.75;12.25	430	1124	525	3406	18.7 15.5	-	5150	-	165	S			
22.5	65	445/65R22.5	GT876	169 K		20	M+S	TL	14.00	12.25;13.00	454	1150	537	3485	18.7	-	5800	-	169	S			
22.5	55	385/55R22.5	GT259	158L	(160K)	18		TL	11.75		389	996	465	3018	14.5	-	4250 (4500)	-	158	S			
22.5	55	385/55R22.5	GT988+ GTL919	160K 160K	(158L) (158L)	20 20		TL TL	11.75		389	996	465	3018	15.0 15.0	-	4500 (4250)	-	160	S			
22.5	60	315/60R22.5	GDL617	152/148 L		18	M+S	TL	9.00	9.75	313	950	443	2898	18.2 13.5	344	3350	3150	152 148	S D			
22.5	60	315/60R22.5	GSR225	154/148 L		20		TL	9.00	9.75	313	950	443	2898	13.5	344	3750	3150	154 148	S D			
24	100	12.00R24	GT01 GT276 GT676 GT879	156/153K 156/153K 156/153K 156/153K		18 18 18 18		TT TT TT TT	8.5	8.50;9.00	315	1226	572	3739	17.0 17.0 20.5 14.5	344	4000	3650	156 153	S D			
24.5	90	11R24.5	GT679	149/146L		16	M+S	TL	8.25	7.50	279	1104	516	3367	20.5	314	3250	3000	149 146	S D			

Fotnote: Index 2 provides additional load/speed conditions for special requirements. These loads are indicated in brackets ()

LOAD CAPACITY by AXLE (kg) and PRESSURE (bar)																	
	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00	8.25	8.50	8.75	9.00
					4320 7530	4480 7810	4650 8090	4810 8370	4970 8650	5130 8930	5280 9200	5440 9480	5600 10300				
			3200 6000	3380 6320	3560 6640	3740 6960	3920 7280	4100 7600	4280 7920	4460 8240	4640 8560	4820 8880	5000 9200				
					4260 8000	4430 8300	4600 8600	4770 8900	4940 9200	5110 9500	5280 9800	5450 10100	5620 10400	5790 10700	5960 11000	6130 11300	6300 11600
					5100 9200	5300 9550	5500 9900	5700 10250	5900 10600	6100 10950	6300 11300	6500 11650	6700 12000	6900 12350	7100 12700	7300 13050	7500 13400
					5550 9200	5760 9550	5970 9900	6180 10250	6380 10600	6590 10950	6790 11300	6990 11650	7200 12000	7400 12350	7600 12700	7800 13050	8000 13400
			5620 5620	5860 5860	6100 6100	6340 6340	6580 6580	6820 6820	7060 7060	7300 7300	7540 7540	7780 7780	8020 8020	8260 8260	8500 8500	8750	9000
			6940	7220	7500	7780	8060	8340	8620	8900	9180	9460	9740	10020	10300		
					8000	8300	8600	8900	9200	9500	9800	10100	10400	10700	11000	11300	11600
			5900	6140	6380	6620	6860	7100	7330	7570	7800	8030	8270	8500	8730	8500	
			6250	6500	6760	7010	7260	7510	7760	8010	8260	8510	8750	9000	9250	9490	9000
			4560 8520	4740 8860	4930 9210	5110 9550	5300 9900	5480 10240	5660 10580	5840 10920	6030 11260	6210 11590	6390 11930	6570 12270	6740 12600	6920	7100
				5010 8860	5210 9210	5400 9550	5600 9900	5790 10240	5980 10580	6170 10920	6360 11260	6560 11590	6750 11930	6940 12270	7120 12600	7310	7500
	5470 10090	5700 10500	5930 10910	6160 11320	6390 11730	6620 12140	6850 12550	7080 12960	7310 13370	7540 13780	7770 14190	8000 14600					
		4390 8110	4570 8440	4750 8770	4930 9100	5110 9430	5280 9750	5460 10080	5630 10400	5810 10720	5980 11040	6150 11360	6330 11680	6500 12000			

Technical Specifications

BASE PRESSURE RECOMMENDATION FOR STANDARD VEHICLE TYPES

TYRE					Tractor				SemiTrailer	Rigids					
Bead	Series	Size	Index	Index 2	4x2		6x2		1-2-3 axle	4x2		6x2			
															
					F	R	F	R1 R2 S or D	All Positions S or D	F	R	F	R1 R2 D	R2 S D	
17.5	75	205/75R17.5	124/122M							6.5	6.0				
17.5	75	215/75R17.5	126/124M							7.0	6.5				
17.5	75	215/75R17.5	135/133 J						8.5						
17.5	75	225/75R17.5	129/127M							7.0	6.5				
17.5	75	235/75R17.5	132/130M							7.5	6.5				
17.5	75	235/75R17.5	143/141 J	(144/144F)					9.0						
17.5	70	245/70R17.5	136/134M							8.0	7.0				
17.5	70	245/70R17.5	143/141 J	(144/144F)					9.0						
19.5	70	245/70R19.5	136/134M							8.0	6.75				
19.5	70	245/70R19.5	141/140J						8.5						
19.5	70	265/70R19.5	140/138M							7.75	6.75				
19.5	70	265/70R19.5	143/141 J						9.0						
19.5	70	285/70R19.5	144/142M	(145/143L)	8.0	6.5				8.0	6.5				
19.5	70	285/70R19.5	146/144L	(144/142M)	8.5	6.5				8.5	6.5				
19.5	70	285/70R19.5	150/148J						9.0						
20	100	9.00R20	144/142 K		8.0	7.0				8.0	7.0				
20	100	10.00R20	146/143K		8.0	7.0				8.0	7.0	8.0	7.0	7.0	8.0
20	100	11.00R20	149/145 K		8.5	7.0	8.0	7.0	7.0	8.5	7.0	8.0	7.0	7.0	8.0
20	100	12.00R20	154/149 K		8.5	7.0	8.0	7.0	7.0	8.5	7.0	8.0	7.0	7.0	8.0
20	100	12.00R20	154/151 K		8.5	7.0	8.0	7.0	7.0	8.5	7.0	8.0	7.0	7.0	8.0
22.5	90	9R22.5	136/134M							7.0	6.5				
22.5	90	10R22.5	144/139M						7.25	7.25	7.0				
22.5	90	11R22.5	148/144M		8.0	7.5			8.0	8.0	7.5				
22.5	90	11R22.5	148/145M 148/145J		8.0	7.5			8.0	8.0	7.5				
22.5	90	12R22.5	152/148L-M		8.5	7.5				8.5	7.5	8.5	7.5	8.5	8
22.5	90	13R22.5	154/150L-K	(156/150K-G)	8.0	7.0	8.0	7.0	7.0	8.0	7.0				
22.5	80	295/80R22.5	152/148K-M 152/148J 152/149K		8.5	7.5	8.5	7.5	7.5	8.5	7.5	8.5	7.5	8.5	7.5
22.5	80	315/80R22.5	154/151L 154/151K 154/151M	(156/151K) (156/151J) (156/151L)	8.5	7.25	8.5	7.25	7.25	8.5	7.25	8.5	7.25	8.5	7.25
22.5	80	315/80R22.5	156/150L-K	(154/150M)	8.5	7.25	8.5	7.25	7.25	8.5	7.25	8.5	7.25	8.5	7.25
22.5	70	255/70R22.5	140/137M	(140/140 L)						8.0	8.0	7.5			
22.5	70	275/70R22.5	148/145M-K 148/145J	(152/148J) (152/148E)						9.0	9.0	8.5			
22.5	70	315/70R22.5	154/150L	(152/148M)	9.0	8.0	9.0	8.0	8.0	9.0	8.0	9.0	8.0	8.5	8.0
22.5	60	315/60R22.5	152/148L		9.0	8.0	9.0	8.0	8.0	9.0	8.0	9.0	8.0	8.5	8.0
22.5	65	385/65R22.5	158L	(160K)	8.5					9.0	8.5		8.5		
22.5	65	425/65R22.5	165 K							8.5					
22.5	65	445/65R22.5	169 K							9.0					
22.5	55	385/55R22.5	158L	(160K)	8.75					9.0	8.75		8.75		8.75
22.5	55	385/55R22.5	160K	(158L)						9.0					
24	100	12.00R24	156/153K							7.75	7.0	7.75	7.0		7.0
24.5	90	11R24.5	149/146L		8.25	7.75				8.25	7.75	8.25	7.75		7.75

F= Front Axle
D=Drive Axle
S- Single mounted
D= Dual Mounted

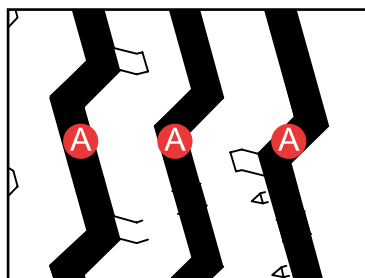


	Trailer			Coach				City bus					
	2-3 axle		2-3 axle		4x2		6x2		4x2		6x2 Articulated		
													
	All Positions		F	R	F	R	F	R	F	R	F	R1	R2
	S or D		S or D		S or D		S or D				S or D		S or D

				6.5	6.0								
	8.5	8.5	8.5										
				7.0	6.0								
	9.0	9.0	9.0										
	9.0	9.0	9.0										
	8.5	8.5	8.5	7.0	6.25								
				7.0	6.25								
	9.0	9.0	9.0										
				7.0	6.0								
				7.0	6.0								
	9.0	9.0	9.0										
		8.0	8.0										
		8.5	8.5										
		8.5	8.5										
		8.5	8.5										
		7.25	7.25										
		8.0	8.0										
		8.0	8.0	8.0	7.5			7.5	7.25	7.5	7.0	7.5	
				8.5	7.5			7.5	7.25	7.5	7.0	7.5	
	8.5	8.5	8.5	8.5	7.5	8.5	7.5	7.5	7.25	7.5	7.0	7.5	
		8.5	8.5	8.5	7.5	8.5	7.5						
		8.5	8.5	8.5	7.5	8.5	7.5						
		8.0	8.0	8.0	7.5								
	9.0	9.0	9.0	9.0	8.5			7.5	7.0	7.5	7.0	7.5	
				9.0	8.0								
	9.0	9.0	9.0										
		8.5	8.5										
		9.0	9.0										
	9.0	9.0	9.0										
	9.0	9.0	9.0										
		7.75	7.75										

Regrooving Instructions

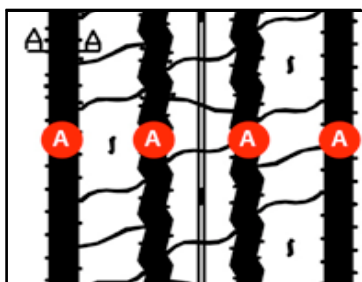
GT01



Max.regrooving depth: 3mm

Size	A(mm)
9.00R20	8-10
10.00R20	8-10
11.00R20	8-10
12.00R20	8-10
11R22.5	8-10
13R22.5	8-10
315/80R22.5	8-10
12.00R24	8-10

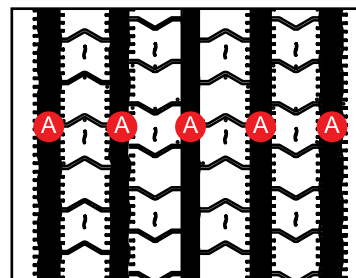
GSR225



Max.regrooving depth: 3mm

Size	A(mm)
275/70R22.5	9-11
315/70R22.5	9-11
295/80R22.5	9-11
315/80R22.5	9-11

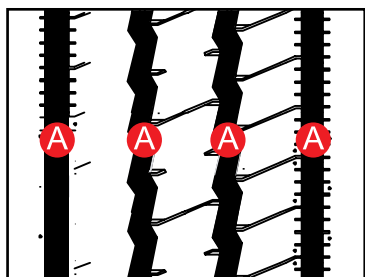
GT259



Max.regrooving depth: 3mm

Size	A(mm)
385/55R22.5	9-11

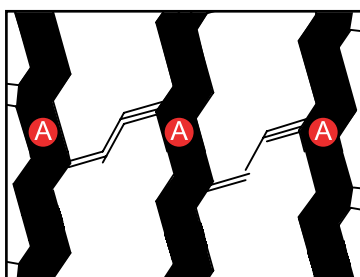
GT268



Max.regrooving depth: 3mm

Size	A(mm)
215/75R17.5	6-8
235/75R17.5	6-8
9R22.5	6-8

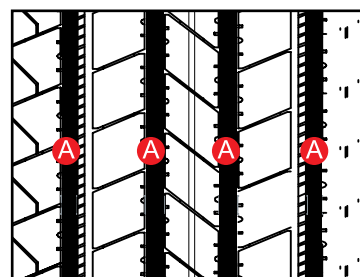
GT276



Max.regrooving depth: 3mm

Size	A(mm)
11R22.5	7-9
12R22.5	7-9
13R22.5	7-9
295/80R22.5	7-9
315/80R22.5	7-9
12.00R24	7-9

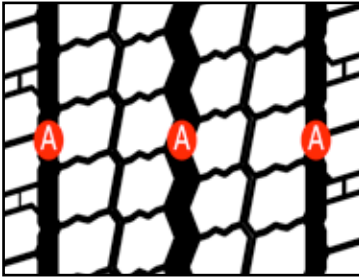
GT279



Max.regrooving depth: 3mm

Size	A(mm)
245/70R19.5	6-8
285/70R19.5	6-8
10.00R20	6-8
11.00R20	6-8
12.00R20	6-8
10R22.5	6-8
11R22.5	6-8
255/70R22.5	6-8
275/70R22.5	7-9
315/70R22.5	7-9
295/80R22.5	7-9
315/80R22.5	7-9

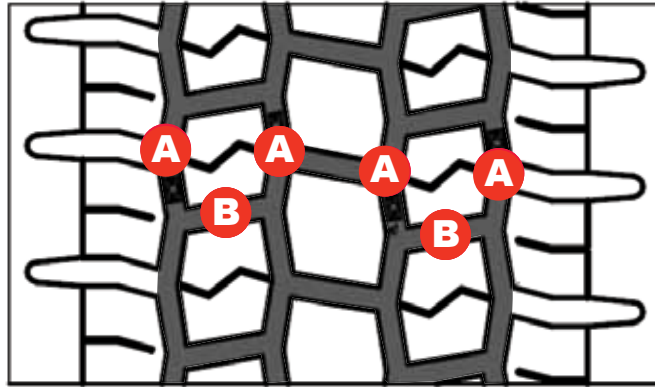
GDL617



Max regrooving depth: 3mm

Size	A(mm)
315/60R22.5	7-9
315/70R22.5	7-9
315/80R22.5	7-9

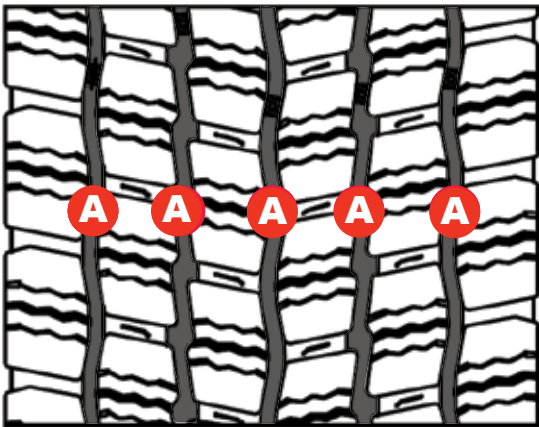
GDR619



Max regrooving depth: 3mm

Size	A(mm)	B(mm)
205/75R17.5	7-9	3-5
215/75R17.5	7-9	3-5
225/75R17.5	7-9	3-5
235/75R17.5	7-9	3-5
245/70R17.5	7-9	3-5

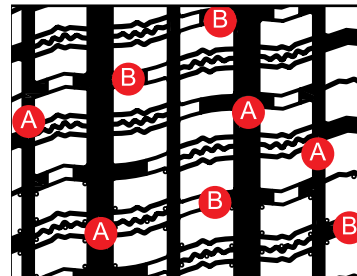
GDR621



Max regrooving depth: 3mm

Size	A(mm)
315/80R22.5	7-9

GT629

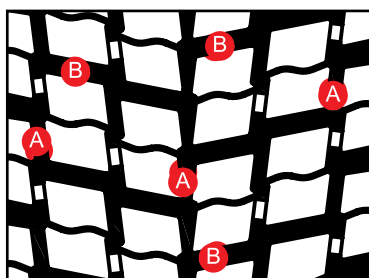


Max regrooving depth: 3mm

Size	A(mm)	B(mm)
295/80R22.5	7-9	3-5

Regrooving Instructions

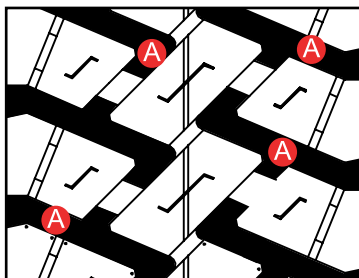
GT659+



Max regrooving depth: 3mm

Size	A(mm)	B(mm)
12R22.5	8-10	7-9
315/70R22.5	8-10	7-9
275/80R22.5	8-10	7-9
295/80R22.5	7-9	7-9
315/80R22.5	8-10	7-9

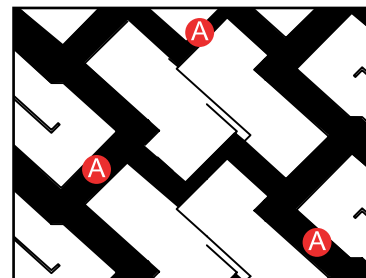
GT676



Max regrooving depth: 3mm

Size	A(mm)
13R22.5	10-12
275/70R22.5	10-12
315/80R22.5	10-12
12.00R24	10-12

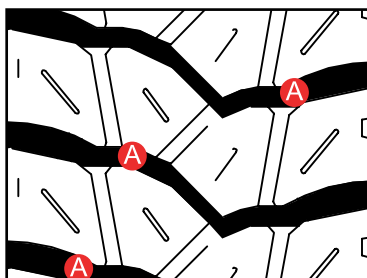
GT678



Max regrooving depth: 3mm

Size	A(mm)
7.50R16 LT	7-9
8.25R16 LT	7-9
245/70R19.5	7-9
265/70R19.5	7-9
285/70R19.5	7-9
295/80R22.5	7-9

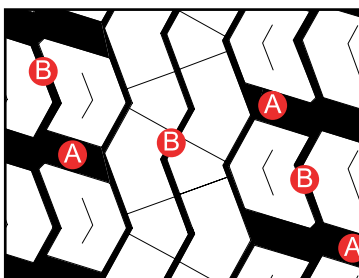
GT686



Max regrooving depth: 3mm

Size	A(mm)
13R22.5	10-12
315/80R22.5	10-12

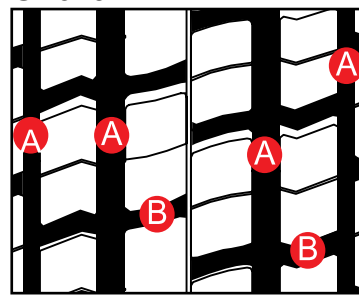
GT688



Max regrooving depth: 3mm

Size	A(mm)	B(mm)
10R22.5	8-10	5-7
11R22.5	8-10	5-7
12R22.5	8-10	5-7
295/80R22.5	8-10	5-7
315/80R22.5	8-10	5-7

GT679

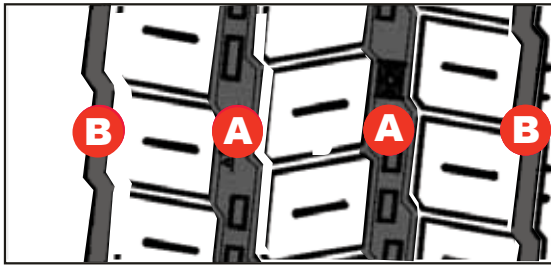


Max regrooving depth: 3mm

Size	A(mm)	B(mm)
215/75R17.5	7-9	3-5
235/75R17.5	7-9	3-5
265/70R19.5	7-9	3-5
285/70R19.5	7-9	3-5
11R22.5	7-9	3-5
12R22.5	7-9	3-5
315/70R22.5	7-9	3-5
295/80R22.5	7-9	3-5
315/80R22.5	7-9	3-5

Regrooving Instructions

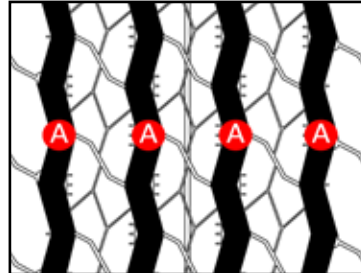
GAR820



Max regrooving depth: 3mm

Size	A(mm)	B(mm)
205/75R17.5	7-9	5-7
215/75R17.5	7-9	5-7
225/75R17.5	7-9	5-7
235/75R17.5	7-9	5-7
245/70R17.5	7-9	5-7

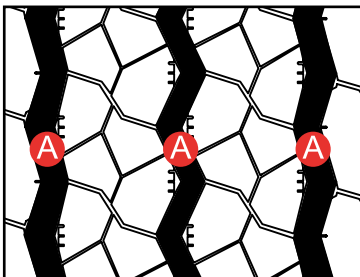
GAR821



Max regrooving depth: 3mm

Size	A(mm)
295/80R22.5	7-9

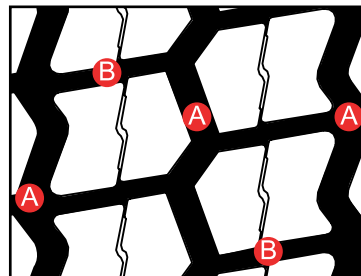
GT867



Max regrooving depth: 3mm

Size	A(mm)
11R22.5	7-9
275/70R22.5	7-9
295/80R22.5	7-9

GT876

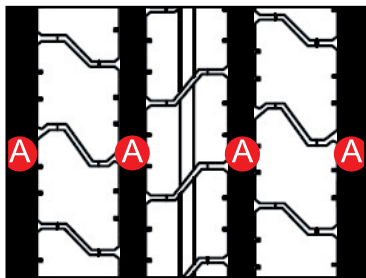


Max regrooving depth: 3mm

Size	A(mm)	B(mm)
385/65R22.5	10-12	7-9
425/68R22.5	10-12	7-9
445/65R22.5	10-12	7-9

Regrooving Instructions

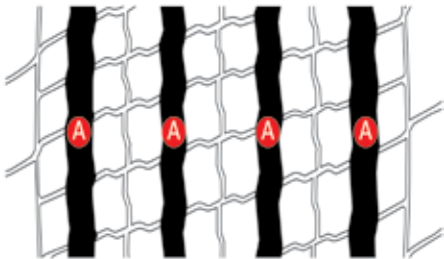
GT879



Max.regrooving depth: 3mm

Size	A(mm)
215/75R17.5	7-9
235/75R17.5	7-9
265/70R19.5	7-9
10.00R20	7-9
11.00R20	7-9
12.00R20	7-9
11R22.5	7-9
12R22.5	8-10
295/80R22.5	8-10
315/80R22.5	8-10
12.00R24	8-10

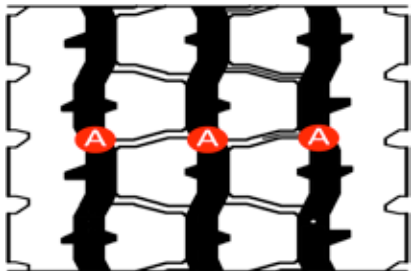
GAU861



Max.regrooving depth: 3mm

Size	A(mm)
275/70R22.5	7-9

GAM831

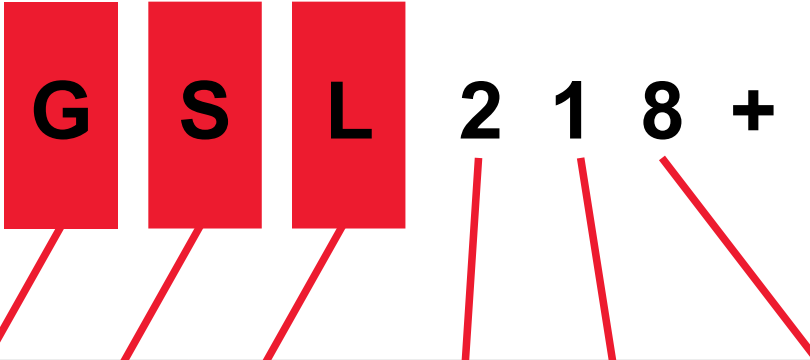


Max.regrooving depth: 3mm

Size	A(mm)
13R22.5	8-10
315/80R22.5	8-10
295/80R22.5	8-10

Diagram shown 315/80R22.5

Naming Convention



Brand	Axle	Application	Axle:	Application:	Series:
G:GT Radial	S:Steer D:Drive A:A.P T:Trailer	L:Long Haul R:Regional M:Mixed Service O:Off Road U:Urban W:Winter	2:Steer 6:Drive 8:A.P 9:Trailer	1:Long Haul 2:Regional 3:Mixed Service 5:Off Road 6:Urban	+ Symbol for improvement

A.P = All Position

