

BRIDGESTONE

Tyre Pattern Digest

2018 - 2020

Passenger and Commercial Vehicles | Asia-Pacific Region



Worldwide Olympic Partner



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PATTERN DIGEST 2018 - 2020

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IMPORTANT NOTICE

This catalogue contains brief pattern descriptions and size-range of Bridgestone tyres for Asia and Oceania region, except Japan and China. As this catalogue contains only brief descriptions on tyres, and tyres are catered to different markets in the region, please consult with our sales representatives or distributors before ordering these products. We look forward to assisting you so that your customers can get the most out of our high quality products.

* Due to the constant advancement in tyre technology, the contents of this catalogue are subjected to change without prior notice.

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SERVING SOCIETY WITH SUPERIOR QUALITY

ABOUT BRIDGESTONE

At Bridgestone, our goal is to become a truly global company and to achieve “Dan-Totsu” (the absolute and clear leader in Japanese) in our industries. The roots of our company date back to 1931, when Bridgestone Tire Co., Ltd. was established in Kurume, Japan. Anticipating the future potential of tyres for passenger cars and the international development of the business, founder Shojiro Ishibashi used an English translation of his surname for the name of the company.

As Japan's automobile industry grew, the Bridgestone Group expanded its business to become Japan's largest tyre manufacturer. The company actively expanded overseas, particularly in Asia. In 1988, the company acquired The Firestone Tire & Rubber Company. This transformed Bridgestone into one of the world's largest tyre and rubber companies.

Headquartered in Tokyo, Bridgestone supplies its products to over 150 nations and territories around the world.

BRIDGESTONE IN ASIA PACIFIC

In the Asia Pacific region, Bridgestone locates its regional headquarters in Singapore, overseeing the operations of tyre production and sales facilities, as well as supplying its products across more than 25 countries in the region.

Our presence in Asia Pacific includes manufacturing plants, sales companies, proving grounds, training centres, and technical centres. Bridgestone has over 23,000 employees in this region (as of 2017).

GLOBAL OLYMPIC TOP SPONSORSHIP

This Olympic partnership is an opportunity to showcase our company's commitment to community service, social responsibility, environmental stewardship and sustainability— all tenets of the Olympic Charter and the International Olympic Committee's Agenda 2020 that mirror Bridgestone's core values.

For over 80 years, Bridgestone has been dedicated to helping customers on their journeys with a passion and innovation delivering reliability, safety and performance. And, from 2014 as an official Olympic Worldwide Partner, we are proudly supporting athletes the world over on their journey to the Olympic Games.



CORPORATE PHILOSOPHY

The Bridgestone Group's mission is based on the words of its founder: "Serving Society with Superior Quality." We aspire to offer the best for our customers and to society, not only in terms of our products, services and technology, but in all of our corporate activities. Our commitment to quality stems from a passion for improving the safety and lives of people everywhere.

To fulfil this mission, the Bridgestone Group has used the concept of "Foundation" to demonstrate the sustained commitment of employees to provide its customers with world-class products and services and to serve the communities where Bridgestone does business.

In 2011, the Bridgestone Group refined the Bridgestone Essence (corporate philosophy), and the Environmental Mission Statement and the Safety Mission Statement were also refined consecutively. In 2015, we completed the Bridgestone Essence Framework with these two statements and formulation of the Quality Mission Statement. Going forward, we will further develop and advance the Group's global activities based on the Bridgestone Essence Framework.

企業理念
The Bridgestone Essence

使命
Mission
最高の品質で社会に貢献
Serving Society with Superior Quality

心構え
Foundation
誠実協調
Seijitsu-Kyocho
(Integrity and Harmony)

進取独創
Shinshu-Dokuso
(Creative Pursuing)

現物現地
Genbutsu-Genba
(Decision Making Based on Verified, On-Site Observations)

熟慮断行
Jukuryo-Danko
(Decision Action after Thorough Planning)



GLOBAL CSR COMMITMENT OUR WAY TO SERVE

VISION Understanding that Serving Society with Superior Quality is our heritage and our mission, and embracing our responsibility to future generations as a global leader in our industries, Bridgestone and its teammates around the world employ innovation and technology to improve the way people move, live, work and play.



Mobility

To accelerate sustainable mobility innovations through advanced technologies and solutions.



People

Employ our strengths to support our communities and enhance the way people live, learn and work.



Environment

To help ensure a healthy environment for current and future generations.

For more information, please visit: <https://www.bridgestone.com/responsibilities/ourwaytoserve/>

BRIDGESTONE TECHNOLOGY & INNOVATION



Effort for Natural Rubber Sources
“Continuous utilization and productivity improvement” and “diversification” of natural rubber sources



Technology to Control Molecular Structures - NanoPro-Tech™
“Maximizing benefits of tyre materials to meet various applications



Sensing Technology of Tyres and Road Surfaces
Tyre and road surface condition sensing to support the safety of driving experience



Bridgestone's Run-Flat Tyre Technology
Continue driving up to 50 miles after a puncture



Bridgestone's Non-Pneumatic Tyre Technology “Air Free Concept”
Non-pneumatic tyres that support the weight using a unique structure of spokes



Bridgestone's Mining Solution Technologies
Solutions to support customers' business

WE DO MUCH MORE THAN GREAT TYRES.







Tyres account for about 80% of Bridgestone Group sales. The remainder derives from a broad range of industrial and consumer products and services, together with bicycles and other sporting goods.

For more information, please visit http://www.bridgestone.com/technology_innovation

SPORTS

POTENZA

TECHNO









<p>RE-11S RE-71R</p> 	<p>S007A RE003</p> 	<p>TECHNO SPORTS</p> 	
<p>TRACK</p> 	<p>PRESTIGE STREET</p> 	<p>DRESS-UP</p> 	
<p>MAIN FEATURES</p>			
<ul style="list-style-type: none"> • Track performance • Exceptional response • Ultimate grip 	<ul style="list-style-type: none"> • Street legal track performance • Exceptional response • Ultimate grip 	<ul style="list-style-type: none"> • Responsive and precise handling • Outstanding cornering performance • Superior wet braking and control 	<ul style="list-style-type: none"> • Aggressive tread pattern • Quiet performance • Flat Control Patch wear control

SUV / 4x4

ALENZA

ECOPIA

DUELER

<p>001</p> 	<p>EP850</p> 	<p>A/T 697</p> 	<p>M/T 674</p> 
<p>LUXURY SUV</p> 	<p>ECO & COMFORT</p> 	<p>ALL TERRAIN</p> 	<p>MUD TERRAIN</p> 
<p>MAIN FEATURES</p>			
<ul style="list-style-type: none"> • Superb riding comfort and excellent steering performance • Superior safety in both wet and dry conditions • Engineered to provide long wear life 	<ul style="list-style-type: none"> • Advanced low rolling resistance • No compromise to safety or wear life • Better ride comfort and less noise 	<ul style="list-style-type: none"> • Excellent traction and steering control • Enhanced off-road stability • Smooth ride and low road noise 	<ul style="list-style-type: none"> • Advanced mud traction and grip • Enhanced performance and increased durability • Tough aggressive design









Updated as of 30th Jun 2018.

COMFORT

TURANZA

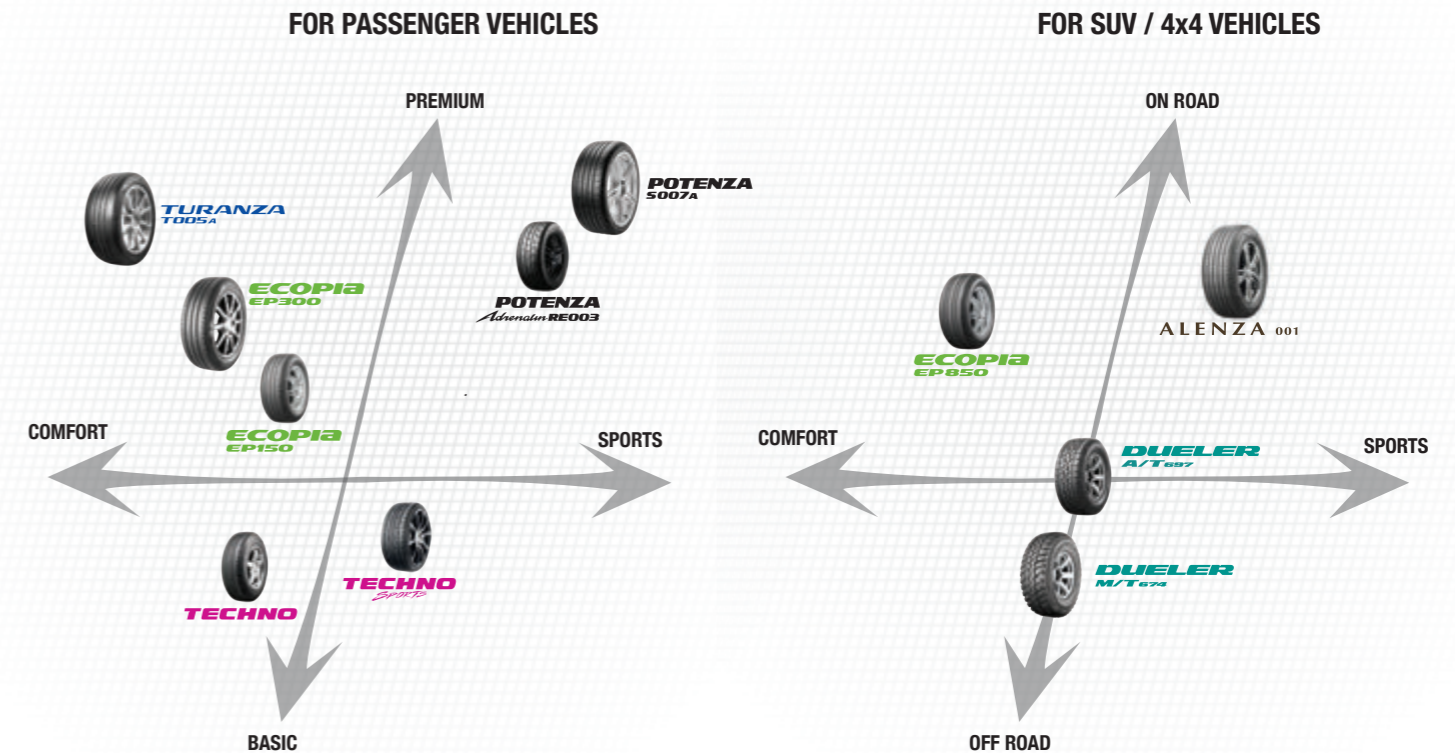
ECOPIA

TECHNO

<p>T005A</p> 	<p>EP300</p> 	<p>EP150</p> 	<p>TECHNO</p> 
<p>TOURING</p> 	<p>ECO</p> 	<p>ECO (Small Car)</p> 	<p>VALUE</p> 
<p>MAIN FEATURES</p>			
<ul style="list-style-type: none"> • Comfort above all • Designed for a quieter, safer & smoother journey 	<ul style="list-style-type: none"> • Low rolling resistance for better fuel efficiency • Enhanced wet grip performance for safety • Improved design for longer lasting life 	<ul style="list-style-type: none"> • Excellent braking performance • Low noise for a quieter, more comfortable ride • Exceptional handling in hazardous, wet conditions 	<ul style="list-style-type: none"> • Designed for extended durability • Dependable wet road performance • Enhanced braking performance

Updated as of 30th Jun 2018.

PRODUCT POSITIONING



AVAILABLE PATTERNS & SIZES

Passenger Vehicles

Size	TURANZA	POTENZA		ECOPIA		TECHNO	
	T005A	S007A	Adrenalin RE003	EP300	EP150	TECHNO	TECHNO Sports
21 inches							
285/30R21		Y XL					
255/30R21		Y XL					
245/35R21		Y XL					
20 inches							
335/25R20		Y XL					
285/25R20		Y XL					
305/30R20		Y XL					
295/30R20		Y XL					
285/30R20		Y XL					
275/30R20		Y XL	W XL				
255/30R20		Y XL					
245/30R20		Y XL					
235/30R20		Y XL					
315/35R20		Y XL					
305/35R20		Y					
295/35R20		Y XL					
285/35R20		Y					
275/35R20	W XL	Y XL					
265/35R20		Y XL					
255/35R20	W XL	Y XL					
255/35R20		Y XL					
245/35R20		Y XL	W XL				
235/35R20		Y XL					
275/40R20		Y XL					
265/40R20	W XL	Y XL					
255/40R20		W XL / Y XL					
245/40R20	W XL	Y XL					
255/45R20		Y					
245/45R20		Y XL					
19 inches							
325/30R19		Y					
305/30R19		Y XL					
295/30R19		Y XL					
285/30R19		Y XL					
275/30R19		Y XL					
265/30R19		Y XL					
255/30R19		Y XL					
285/35R19		Y					
275/35R19	W XL	Y XL	W XL				
265/35R19		Y XL					
255/35R19		Y XL					
245/35R19		Y XL	W XL				
235/35R19	W	Y XL	W XL				
225/35R19	W XL	Y XL					
285/40R19		Y					
275/40R19	W	Y XL					
265/40R19		Y XL					
255/40R19	W XL	Y XL					
245/40R19	W	Y XL	W XL				
235/40R19		Y XL					
225/40R19		Y XL	W XL				
255/45R19	W	Y XL					
245/45R19	W	Y XL					

Please refer to the Load Index and Speed Symbol charts. Consult your Bridgestone authorised dealer for more information. Updated as of 30th Jun 2018.

Size	TURANZA	POTENZA		ECOPIA		TECHNO	
	T005A	S007A	Adrenalin RE003	EP300	EP150	TECHNO	TECHNO Sports
18 inches							
285/30R18		Y					
285/35R18		Y XL					
275/35R18		Y XL					
265/35R18	W	W / Y XL	W XL				
255/35R18		Y XL	W XL				
245/35R18		Y XL					
225/35R18		Y					
215/35R18							W XL
275/40R18		Y XL					
265/40R18		Y XL					
255/40R18		Y XL	W XL				
245/40R18	W	Y XL	W XL				
235/40R18	W XL	Y XL	W XL				
225/40R18	W	Y XL	W XL				W XL
215/40R18		Y XL					W XL
205/40R18		Y XL					
275/45R18	W	Y					
265/45R18		Y XL					
255/45R18	W XL	Y XL	W XL				
245/45R18	W / W XL	Y XL	W XL	V			W XL
235/45R18	W XL	Y XL	W XL	W XL			
225/45R18	W	Y XL	W XL				V XL
215/45R18		Y XL	W XL				
245/50R18	W	Y XL					
235/50R18	W XL	Y	W XL				
225/50R18	V	W / Y					
215/50R18	V						
225/55R18	V						
17 inches							
265/40R17		Y					
255/40R17		Y XL					
245/40R17		Y	W				
235/40R17		Y					
215/40R17		Y	W XL				W XL
205/40R17		Y XL	W XL				V XL
255/45R17		Y					
245/45R17	W	Y XL	W / W XL				
235/45R17	W XL	Y XL	W / W XL				
225/45R17	W / W XL	Y XL	W / W XL	V			V XL
215/45R17	W / W XL	Y XL	W XL	W XL			V XL
205/45R17		Y XL	W XL				V XL
195/45R17		W					
235/50R17	W	Y					
225/50R17	W / W XL	Y XL	W	V		W	
215/50R17	W / W XL	W	W	V		H	V XL
205/50R17		Y XL	W XL	V XL			V XL
245/55R17		W					
235/55R17	W						
225/55R17	W / W XL	Y XL	W	V		V	V XL
215/55R17	V / W / V XL	W	W	V		V	V
205/55R17		Y					
225/60R17	H						
215/60R17	H						
16 inches							
205/45R16			W XL				V
195/45R16			W XL				
165/45R16			V XL				
225/50R16		Y / W XL	W				
205/50R16		V	W				V
195/50R16			V	V			V
165/50R16			V				
225/55R16	V / W XL	W XL	W	V			
215/55R16	V		W	V			
205/55R16	V / V XL	W XL / Y XL	W	V	H	H	V
195/55R16			W	V			V
185/55R16				V			V
235/60R16	V / W						
225/60R16	V / H XL			V		H	
215/60R16	V / V XL		V	V		H	
205/60R16	V			V		H	
195/60R16				H	H	H	
185/60R16				H			
215/65R16	H						
205/65R16	V			V		H	

Please refer to the Load Index and Speed Symbol charts. Consult your Bridgestone authorised dealer for more information. Updated as of 30th Jun 2018.

Passenger Vehicles

Size	TURANZA	POTENZA	ECOPIA		TECHNO	
	T005A	S007A	Adrenalin RE003	EP300	EP150	TECHNO TECHNO Sports
15 inches						
195/50R15			W	V		
175/50R15					H	
165/50R15			V			
205/55R15			W			
195/55R15			W	V		H
185/55R15			V	V		H
165/55R15			V			
215/60R15						V
205/60R15				V		H
195/60R15			V	V	V/H	H
185/60R15				V	H	H
175/60R15					H	
215/65R15				V		
205/65R15				V	H	H
195/65R15				V	V/H	H
185/65R15				H	H	H/S
175/65R15				H	H	H
205/70R15					H	
14 inches						
165/55R14			V			
205/60R14						H
195/60R14					H	
185/60R14					H	H
195/65R14					H	
185/65R14					H	H
175/65R14					H	H/S
165/65R14					S	
155/65R14						S
195/70R14					H	H/S
185/70R14					H	H/S
175/70R14					H	H
165/70R14					H	
185/80R14					S	S/T
165/80R14						
13 inches						
175/60R13						H
165/65R13						H
155/65R13						T
185/70R13					H/S	H
175/70R13					H/S	T
165/70R13					S	
165/80R13					S	S/T
155/80R13						S
12 inches						
175/70R12					S	S
165/70R12						S
155/70R12					S	S
145/70R12						S
155/80R12					S	
145/80R12						S

AVAILABLE PATTERNS & SIZES | SUV / 4x4 Vehicles

Size	ALENZA 001	ECOPIA EP850	DUELER A/T 697	DUELER M/T 674
	SIDE WALL SS/PR	SIDE WALL SS/PR	SIDE WALL SS/PR	SIDE WALL SS/PR
22 inches				
285/35R22	WXL			
265/35R22	WXL			
285/45R22	H			
275/50R22	H			
21 inches				
295/35R21	YXL			
275/40R21	WXL			
265/45R21	W			
20 inches				
315/35R20	YXL			
295/40R20	YXL			
275/40R20	YXL			
255/40R20	WXL			
295/45R20	WXL			
275/45R20	YXL			
265/45R20	Y			
255/45R20	W			
245/45R20	V			
285/50R20	WXL / V			
275/50R20	W			
265/50R20	VXL			
255/50R20	VXL			
245/50R20	V	V		
275/55R20	V			
255/55R20	WXL / YXL			
235/55R20	V			
P275/60R20	H			
19 inches				
285/45R19	WXL			
275/45R19	YXL			
255/45R19	V			
245/45R19	VXL			
235/45R19	W			
225/45R19	W / WXL			
265/50R19	YXL			
255/50R19	YXL	V		
235/50R19	V	H		
275/55R19	V			
255/55R19	WXL	HXL		
245/55R19	V	V		
235/55R19	W / WXL	V		
225/55R19	V			
235/65R19	VXL			
18 inches				
235/50R18	V	V		
255/55R18	WXL / YXL	VXL		
235/55R18	V / VXL	V		
225/55R18	V	V		
215/55R18	VXL	H / VXL		
285/60R18	V	V	RBT T	
275/60R18	V			
265/60R18	V	H	RBT T	
255/60R18	VXL	H		
245/60R18	H			
235/60R18	W	V		
225/60R18	H	H		
235/65R18	V	H		
225/65R18		H		

OWT: Outlined White Lettering on Side Wall
RBT: Raised Black Lettering on Side Wall

SUV / 4x4 Vehicles

Size	ALENZA 001	ECOPIA EP850	DUELER A/T 697	DUELER M/T 674
	SIDE WALL SS/PR	SIDE WALL SS/PR	SIDE WALL SS/PR	SIDE WALL SS/PR
17 inches				
235/55R17	V	H XL		
225/55R17	W			
255/60R17	V			
235/60R17	H XL	H		
225/60R17	V	V	RBT H	
215/60R17	V	H	RBT S	
285/65R17	V	H	OWT T	
275/65R17		H	OWT T	
265/65R17		H	RBT T / OWT S	
255/65R17		H	OWT T	
245/65R17		Y H XL	OWT T XL	
235/65R17	V XL	H XL	OWT T XL	
225/65R17	H	H	OWT S	
265/70R17			OWT S	
P265/70R17	H			
225/70R17			RBT S XL	
215/70R17	H	H		
16 inches				
235/60R16	H	H	RBT H	
255/65R16		H		
215/65R16	H	H		
205/65R16		H		
275/70R16		H	OWT S	
265/70R16		H	RBT T / OWT S	
255/70R16		H	OWT S	
245/70R16		H XL	OWT S / S XL	
235/70R16		H	RBT T	
225/70R16		H	OWT S	
215/70R16		H	RBT S	
205/70R16		H		
265/75R16			RBT S	
245/75R16			OWT S	
15 inches				
265/70R15		H	OWT T	
255/70R15		H		
235/70R15		S	OWT S / S XL	
225/70R15		H	RBT S	
215/70R15			OWT S	
205/70R15		H	RBT S	
235/75R15		H XL	OWT S / S XL	
P235/75R15			RBT S	
P225/75R15			OWT S	
215/80R15			OWT T	

OWT: Outlined White Lettering on Side Wall
RBT: Raised Black Lettering on Side Wall

SUV / 4x4 Vehicles (Light Truck Construction)

Size	DUELER A/T 697	DUELER M/T 674
	SIDE WALL SS/PR	SIDE WALL SS/PR
18 inches		
285/60R18	RBT S 8	
265/60R18	OWT S 8	
17 inches		
285/65R17	OWT S 8	OWT Q
275/65R17	OWT S 8	
265/65R17	OWT S 8	RBT Q 8 / Q 10
255/65R17	RBT S 8	
245/65R17	RBT R	RBT Q
285/70R17	OWT S 8	
265/70R17	OWT S 8	RBT Q 10
245/70R17	OWT S 8	RBT Q
225/70R17	OWT S 8	OWT Q
16 inches		
215/65R16C	RBT S	
275/70R16	RBT S 8	
265/70R16	RBT S 8	RBT Q
255/70R16	RBT S 8	RBT Q 10
245/70R16	OWT S 8 / RBT RE	OWT Q 8
235/70R16	RBT S 8	
285/75R16	OWT R 6 / R 8	OWT Q 8
265/75R16	OWT R 10 / S 6	RBT Q 10 / OWT Q 6
245/75R16	OWT S 6 / RBT S 8	OWT Q 6 / Q 8 / RBT Q 10
225/75R16	OWT R 10 / S 6	RBT Q 10 / OWT Q 8
235/85R16	OWT R 8 / R 10	RBT Q 10 / OWT Q 8
185/85R16		RBT L
205R16	RBT S 8	
205R16C	RBT S 8	
750R16	RBT N 8	
15 inches		
225/70R15C	RBT S / OWT S	
205/70R15C	OWT S	
235/75R15	RBT S 8 / OWT S 6	OWT Q 6 / Q 8
225/75R15C	OWT S	
215/75R15	OWT S 6	OWT Q 6
215/80R15C	RBT S	
215R15C	RBT R 8	
30X950R15	OWT S 6	OWT Q 6
31X1050R15	OWT S 6 / RBT S 6	OWT Q 6
14 inches		
27X850R14	OWT S 6	OWT Q 6

OWT: Outlined White Lettering on Side Wall
RBT: Raised Black Lettering on Side Wall



COMFORTABLE RELIABILITY

TURANZA seeks to achieve the high-level balance that luxury car owners seek, combining comfort, security, driving performance, and advanced technology. Utilising cutting-edge tyre technology to achieve the ideal driving conditions for the drivers of world-class luxury cars, TURANZA will constantly improve the drivers' performance.

EXCEPTIONALLY SMOOTH RIDE SUPERIOR QUIETNESS ASSURED CONFIDENCE

**TURANZA TYRES
ARE ENGINEERED TO
PROVIDE A SMOOTH,
COMFORTABLE AND
RELIABLE RIDE IN
ANY CONDITION**

TURANZA touring tyres are built by perfectionists, for perfectionists and achieve performance that luxury vehicles demand. Providing balance between a comfortable silence and stability, TURANZA is ideal for drivers who want a smooth driving experience.

TURANZA is focused on improving comfort without sacrificing handling. Our quiet ride technologies minimise road noise through an advanced noise-canceling tread design. Innovations in handling capabilities enhance on-road stability and provide improved resistance to hydroplaning. Improvements in rubber compounds make the TURANZA more durable by enhancing the life of the tread.

You don't have to compromise performance for a more comfortable ride. TURANZA delivers both. Our innovations and attention to detail make this tyre ideal for luxury vehicle owners and perfectionists alike.

Take a Journey.

It's not the distance travelled, it's the quality of experiences life reveals while travelling on Turanza. Take a Journey is a tribute to those unforgettable moments of premium comfort.



COMFORT ABOVE ALL.

For a Quieter, Safer and Smoother journey.

Experience a quieter, safer and smoother journey. The new TURANZA T005A is engineered with Bridgestone's advanced technology to take care of your needs on the road. When you journey with the world's most trusted tyre brand, you know you'll always arrive at your best.

BRIDGESTONE'S BEST JUST GOT BETTER.



QUIETER

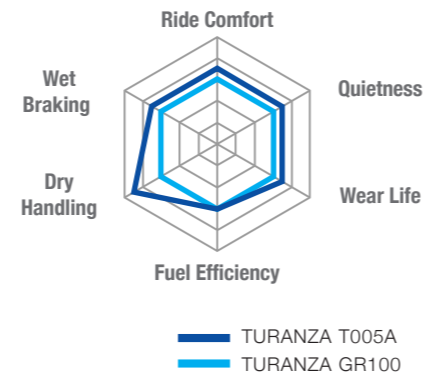
With minimal tyre noise, you can relax in total peace or stay completely focused on the journey ahead.

SAFER

Less to worry, more to enjoy. The new TURANZA T005A is designed to provide a better grip on roads to keep you safe, especially in wet conditions.

SMOOTHER

Enjoy a more comfortable and more stable drive on highways with reduced vibrations and road noise.



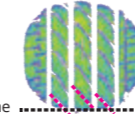
QUIETER

Variable Pitch

Randomised pitch variation is applied to each tread block (the inside shoulder, centre and outside shoulder) to reduce pattern noise.

High-Angle Sipes

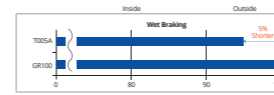
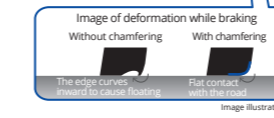
The angle of the sipes to the contact line has been fine-tuned to soften tyre impact on the road, leading to a less pronounced pattern noise.



SAFER

Chamfering

Rounded sipe edges prevent tyre deformation and ensure a flat contact with the road, improving braking performance.

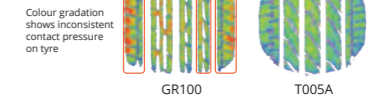


Test Conditions: Vehicle: Toyota Camry 2.5i 2016, Location: Thai Bridgestone Proving Ground, Speed: 80km/h - 120km/h, Water depth: 2mm

SMOOTHER

Optimised Contact Shape

Improved design ensures the tyre applies consistent contact pressure on the road, reducing shock and impact noise for better comfort.



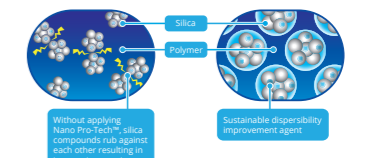
Reinforced Sidewall

A stiffer sidewall (except for tyres with a low aspect ratio) reduces damping and improves comfort.



New Compound

Nano Pro-Tech™ and a compound agent are used to strengthen the bond between silica and polymer, increasing their contact area. This reduces heat generation and energy loss, leading to better wet performance.



RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
20	35	275/35R20	102W	XL
		255/35R20	097W	XL
	40	265/40R20	104W	XL
		245/40R20	099W	XL
19	35	275/35R19	100W	XL
		235/35R19	087W	-
	40	225/35R19	088W	XL
		275/40R19	101W	-
	45	255/40R19	100W	XL
		245/40R19	094W	-
18	35	255/45R19	100W	-
		245/45R19	098W	-
		265/35R18	093W	-
		245/40R18	093W	-
	40	235/40R18	095W	XL
		225/40R18	088W	-
		275/45R18	103W	-
		255/45R18	103W	XL
	45	245/45R18	096W	-
		245/45R18	096W	-
		245/45R18	100W	XL
		245/45R18	100W	XL

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
18	45	235/45R18	098W	XL
		225/45R18	091W	-
	50	245/50R18	100W	-
		235/50R18	101W	XL
17	55	225/50R18	095V	-
		215/50R18	092V	-
	45	225/55R18	098V	-
		245/45R17	095W	-
	50	235/45R17	097W	XL
		225/45R17	091W	-
225/45R17		094W	XL	
215/45R17		087W	-	
16	55	215/45R17	087W	-
		215/45R17	091W	XL
		235/50R17	096W	-
		225/50R17	094W	-
	60	225/50R17	098W	XL
		215/50R17	091W	-
		215/50R17	095W	XL
		215/50R17	095W	XL
15	55	235/55R17	099W	-
		225/55R17	097W	-
		235/55R17	097W	-
		225/55R17	097W	-
	65	235/60R16	100V	-
		235/60R16	100W	-
		225/60R16	098V	-
		225/60R16	098V	-

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
17	55	225/55R17	101W	XL
		215/55R17	094V	-
	60	215/55R17	094W	-
		215/55R17	098V	XL
16	55	225/60R17	099H	-
		215/60R17	096H	-
		225/55R16	095V	-
		225/55R16	099W	XL
	60	215/55R16	093V	-
		205/55R16	091V	-
		205/55R16	094V	XL
		235/60R16	100V	-
	65	235/60R16	100W	-
		225/60R16	098V	-
		225/60R16	102H	XL
		215/60R16	095V	-
65	215/60R16	099V	XL	
	205/60R16	092V	-	
	215/65R16	098H	-	
	205/65R16	095V	-	



TWO DISTINCT PERSONALITIES UNITED IN THE PURSUIT OF PURE DRIVING PLEASURE

Communicating the joy of sport driving is core to the POTENZA brand. In fulfilling this mission, POTENZA S007A and POTENZA Adrenalin were developed along distinctly different paths – the difference lying in driving styles. Adrenalin, has been designed to handle best when performing in dry conditions. With its optimal balance of function and performance, the S007A is always stable, no matter what the surface or how extreme the cornering. Drivers should make their selection with this difference in mind.

ENJOY THE NEW LIMIT

POTENZA TYRES DELIVER ULTIMATE HANDLING & RESPONSE, ALLOWING YOU TO TAKE SHARP TURNS WITH MAXIMUM PRECISION

I don't compromise. And I never give up. In driving, there is an enjoyment that exists for me alone – that of exhilaration and challenge. It is not a struggle, but a challenge for my own heart to pursue. The boundaries and limits I had imagined as real, suddenly all dissolve away. It is at this moment that the real pleasure of driving rushes through my entire body. It is this moment of bliss that only lovers of sports driving know. POTENZA, taking you to the new limit of sports driving.

S007A: ULTIMATE GRIP AND RESPONSE

“ *I think drivers will realise just how far the tyre has evolved, most noticeably when they are cornering at high speeds.* ”

Beginning with a compound to maximize adhesion with the road, the Potenza S007A was designed for the drivers of sports cars who are seeking enhanced handling. We achieved stable cornering control in both wet and dry conditions. The tyre reacts instantaneously according to the driver's intention and they will feel the increased sensitivity during cornering whilst maintaining the desired level of grip.

ADRENALIN: PURE INTERACTION WITH THE ROAD

“ *When developing Adrenalin, we strived to maximise the amount of information the tyre relayed to the driver about changing road conditions, and how truthfully it responded to steering.* ”

It is worth noting that Adrenalin was developed in collaboration with former Formula One driver Stefano Modena, whose precision reflexes and split-second sensibilities demand the highest level of technical performance. I'm proud to say that Adrenalin meets these demands with a thrill from the moment you start moving.



Image courtesy of Aston Martin

THE ANATOMY OF PERFORMANCE

Incorporating technologies such as 3D-M SHAPED SIPES and the KEVLAR FLIPPER & HYBRID SPIRAL, every detail of this high-performance tyre has been calibrated to deliver maximum control and response, on both dry roads and wet. Beyond an exhilarating drive, the POTENZA S007A will also go the extra mile with enhanced durability. Now that is the true anatomy of performance.



DRY HANDLING

LOW ANGLE SIPES

Sipes are positioned at low angles for enhanced control, especially during cornering.

WET BRAKING

CHAMFERING

By rounding each block, tyre deformation is prevented. This results in a flatter contact area while braking, which shortens the braking distance.

DRY HANDLING

KEVLAR FLIPPER + HYBRID SPIRAL

A high-stiffness material is inserted into the tyre to reinforce the tyre interior and prevent excessive movements. This increases tyre sensitivity and grip, especially during high-speed driving.

DRY HANDLING

WEAR LIFE

Each sipe is shaped into a 3-dimensional letter "M", which reinforces block stiffness and prevents unnecessary block movements when the tyre is in motion. This prolongs tyre life and provides additional control on the road.

DRY HANDLING WET BRAKING

SMOOTH RIB

The centre rib is stiffened to improve the stability of the tyre and achieve an instantaneous response.

WET BRAKING WEAR LIFE

OPTIMISED STRUCTURE

The combination of a Multi Round Block and Optimised Crown Shape ensures higher contact pressure for better grip during braking on wet roads, as well as uniform contact pressure to prolong tyre life.

PERFORMANCE COMPARISON

KEVLAR FLIPPER + HYBRID SPIRAL

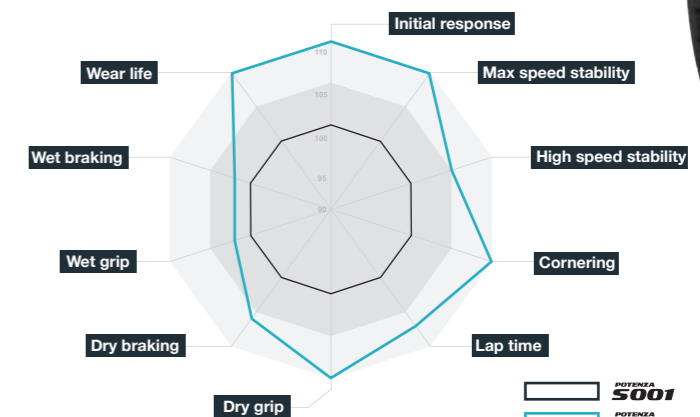
Increased grip at high speeds

OPTIMISED STRUCTURE

Maximised grip on wet roads

3D-M SHAPED SIPES

Prolonged tyre life



POTENZA S001
POTENZA S007A

Size: 245/40R18 97Y
Vehicle: BMW 328i

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	
21	30	285/30R21	100Y	XL	
		255/30R21	093Y	XL	
		245/35R21	096Y	XL	
20	25	335/25R20	103Y	XL	
		285/25R20	093Y	XL	
	30	305/30R20	103Y	XL	
		295/30R20	101Y	XL	
		285/30R20	099Y	XL	
		275/30R20	097Y	XL	
35	30	255/30R20	092Y	XL	
		245/30R20	090Y	XL	
	40	235/30R20	088Y	XL	
		315/35R20	110Y	XL	
		305/35R20	104Y	-	
		295/35R20	105Y	XL	
		285/35R20	100Y	-	
		275/35R20	102Y	XL	
		45	265/35R20	099Y	XL
			255/35R20	097Y	XL
19	40	245/35R20	095Y	XL	
		235/35R20	092Y	XL	
		275/40R20	106Y	XL	
		265/40R20	104Y	XL	
		255/40R20	101W	XL	
		255/40R20	101Y	XL	
	45	245/40R20	099Y	XL	
		255/45R20	101Y	-	
		245/45R20	103Y	XL	
		30	325/30R19	101Y	-
			305/30R19	102Y	XL
			295/30R19	100Y	XL
285/30R19	098Y		XL		
275/30R19	096Y		XL		
265/30R19	093Y		XL		
18	40	255/30R19	091Y	XL	
		285/30R18	093Y	-	
		285/35R18	101Y	XL	
		275/35R18	099Y	XL	
		265/35R18	097Y	XL	
		255/35R18	094Y	XL	
	45	245/35R18	092Y	XL	
		225/35R18	083Y	-	
		275/40R18	103Y	XL	
		265/40R18	101Y	XL	
		255/40R18	099Y	XL	
		245/40R18	097Y	XL	
16	50	235/40R18	095Y	XL	
		225/40R18	092Y	XL	
		215/40R18	089Y	XL	
		205/40R18	086Y	XL	
		275/45R18	103Y	-	
		265/45R18	104Y	XL	
	55	255/45R18	103Y	XL	
		245/45R18	102W	-	
		225/50R16	092Y	-	
		225/50R16	096W	XL	
		205/50R16	087W	-	
		225/55R16	099W	XL	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	
19	35	285/35R19	099Y	-	
		275/35R19	100Y	XL	
		265/35R19	098Y	XL	
		255/35R19	096Y	XL	
		245/35R19	093Y	XL	
		235/35R19	091Y	XL	
	40	285/40R19	103Y	-	
		275/40R19	105Y	XL	
		265/40R19	102Y	XL	
		255/40R19	100Y	XL	
		245/40R19	098Y	XL	
		235/40R19	096Y	XL	
18	45	225/40R19	093Y	XL	
		255/45R19	104Y	XL	
		245/45R19	102Y	XL	
		225/45R19	096Y	XL	
		30	285/30R18	093Y	-
			285/35R18	101Y	XL
	275/35R18		099Y	XL	
	265/35R18		097Y	XL	
	255/35R18		094Y	XL	
	245/35R18		092Y	XL	
	16	50	225/35R18	083Y	-
			275/40R18	103Y	XL
265/40R18			101Y	XL	
255/40R18			099Y	XL	
245/40R18			097Y	XL	
235/40R18			095Y	XL	
55		225/40R18	092Y	XL	
		215/40R18	089Y	XL	
		205/40R18	086Y	XL	
		275/45R18	103Y	-	
		265/45R18	104Y	XL	
		255/45R18	103Y	XL	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	
18	45	245/45R18	100Y	XL	
		235/45R18	098Y	XL	
		225/45R18	095Y	XL	
		215/45R18	093Y	XL	
		245/50R18	104Y	XL	
		235/50R18	101Y	XL	
	50	225/50R18	095W	-	
		225/50R18	095Y	-	
		40	265/40R17	096Y	-
			255/40R17	098Y	XL
			245/40R17	091Y	-
			235/40R17	090Y	-
215/40R17	083Y		-		
205/40R17	084Y		XL		
17	45	255/45R17	098Y	-	
		245/45R17	099Y	XL	
		235/45R17	097Y	XL	
		225/45R17	094Y	XL	
		215/45R17	091Y	XL	
		205/45R17	088Y	XL	
	50	235/50R17	096Y	-	
		225/50R17	098Y	XL	
		215/50R17	091W	-	
		205/50R17	093Y	XL	
		55	245/55R17	102W	-
			225/55R17	101Y	XL
215/55R17	094W		-		
205/55R17	091Y		-		
16	50		225/50R16	092Y	-
			225/50R16	096W	XL
		205/50R16	087W	-	
	55	225/55R16	099W	XL	
		205/55R16	094W	XL	
		205/55R16	094Y	XL	

EXPERIENCE MAXIMUM DRIVING PLEASURE AND EXCITEMENT

POTENZA Adrenalin RE003 is built with an optimal mix of powerful traction, handling stability and quick initial response on dry, and also sure handling and braking on wet conditions.

Dry-handling Performance



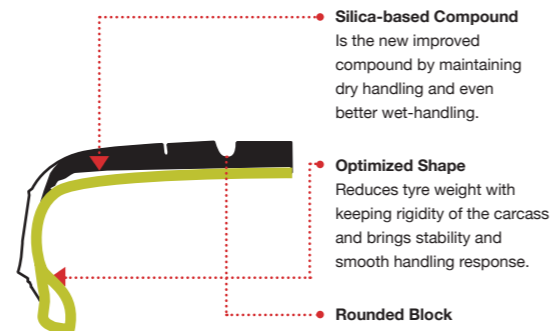
- 1 WIDE CENTER RIB**
Driving Excitement & Pleasure
 - Precise handling
 - Precise cornering
- 2 CURVED GROOVE-WALL ENFORCEMENT**
Superb Performance in Dry Cornering
 - Precise cornering
- 3 CONNECTION BLOCK**
Improved Overall Performance
 - Powerful traction
 - Upgraded handling stability
- 4 TRIPLE & HALF GROOVE**
Better Cornering & Braking
[Both Dry & Wet Conditions]
 - Optimised rigidity
 - Quick initial response
 - Improved road contact surface
 - Less irregular wear



- More consistency in road contact pressure than RE002 (Stable contact patch)
- Improvement of traction
- Improved cornering performance, ensures better wet braking and even reduces irregular wear

Wet-handling Performance

- 5 PULSE GROOVE**
Traction & Stability for Maximum Control
 - Better drainage
 - Anti-hydroplaning
- 6 SILICA-BASED COMPOUND**
Balancing in Both Performance & Comfort
 - New & improved compound
 - Enhanced handling performance [Both dry & wet conditions]



Silica-based Compound
Is the new improved compound by maintaining dry handling and even better wet-handling.

Optimized Shape
Reduces tyre weight with keeping rigidity of the carcass and brings stability and smooth handling response.

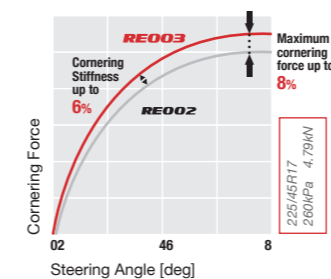
Rounded Block
Is new shape that contributes for stable contact pressure and reduce the risk of irregular wear.

Special Design Features

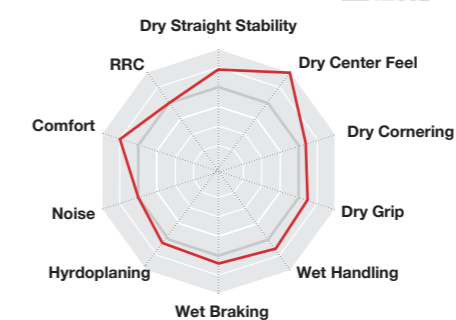
- 1 Convex Original Character**
WITH AERODYNAMIC PERFORMANCE
- 2 Adrenalin "A" Mark**
- 3 Size Description**
EASILY VIEWABLE SIZE DESCRIPTION WHICH FITS WELL WITH SIDE DESIGN
- 4 Suffix**
WITH SENSE OF UNITY
- 5 Dynamic Line Graphic "III" Image**



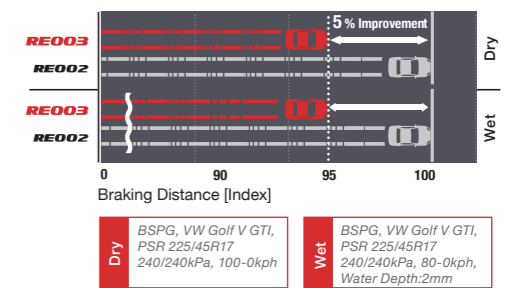
Higher Cornering Stiffness and power than RE002



Better Dry Handling with RE003



Better Braking Performance Than RE002 in Dry and Wet



RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
20	30	275/30R20	097W	XL
	35	245/35R20	095W	XL
19	35	275/35R19	100W	XL
		245/35R19	093W	XL
	40	235/35R19	091W	XL
		245/40R19	098W	XL
18	35	225/40R19	093W	XL
		265/35R18	097W	XL
	40	255/35R18	094W	XL
		255/40R18	099W	XL
		245/40R18	097W	XL
		235/40R18	095W	XL
45	225/40R18	092W	XL	
	255/45R18	103W	XL	
	245/45R18	100W	XL	
	235/45R18	098W	XL	
50	225/45R18	095W	XL	
	215/45R18	093W	XL	
50	215/45R18	093W	XL	
	235/50R18	101W	XL	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
17	40	245/40R17	091W	-
		215/40R17	087W	XL
	45	205/40R17	084W	XL
		245/45R17	095W	-
16	45	245/45R17	099W	XL
		235/45R17	094W	-
		235/45R17	097W	XL
		225/45R17	091W	-
	50	225/45R17	094W	XL
		215/45R17	091W	XL
		205/45R17	088W	XL
		195/45R17	081W	-
55	225/50R17	094W	-	
	215/50R17	091W	-	
55	205/50R17	093W	XL	
	225/55R17	097W	-	
55	215/55R17	094W	-	
	205/45R16	087W	XL	
45	205/45R16	087W	XL	
	195/45R16	084W	XL	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
16	45	165/45R16	074V	XL
		225/50R16	092W	-
	50	205/50R16	087W	-
		195/50R16	084V	-
	55	165/50R16	075V	-
		225/55R16	095W	-
15	55	215/55R16	093W	-
		205/55R16	091W	-
	60	195/55R16	087W	-
		215/60R16	095V	-
	50	195/50R15	082W	-
		165/50R15	073V	-
55	205/55R15	088W	-	
	195/55R15	085W	-	
60	185/55R15	082V	-	
	165/55R15	075V	-	
60	195/60R15	088V	-	
	165/55R14	072V	-	

FOR TOMORROW, OUR CHILDREN, OUR PLANET

Our planet is crying out for respect. However, there are still many among us who do not think this way. But in the future, we believe those who respect the environment will command their own respect.

Bridgestone understands that decreasing carbon dioxide (CO₂) is a key to save our planet and that 87% of a tyre's CO₂ emissions are released during use. That's why we applied advanced technology to realize a new kind of tyre — one that combines a reduction in emissions with excellent safety performance. Try it for yourself and drive for a better future.

MORE SAVINGS, MORE ROAD

ECOPIA TYRES ARE ENGINEERED FOR LESS ROLLING RESISTANCE, MAKING ANY CAR MORE FUEL-EFFICIENT

Go further on less energy using the breakthrough fuel-efficient tyre performance technologies of ECOPIA tyres. They're engineered for the eco-conscious and cost-conscious driver, delivering low rolling resistance - meaning the tyre minimizes wasted energy, reducing fuel consumption and carbon emissions. Our ECOPIA line is designed to enhance fuel economy while delivering performance and a smooth ride. Explore our entire range of ECOPIA environmentally conscious, fuel efficient tyres for your car, hybrid, SUV or crossover.

ECOPIA tyres return more energy back to the tyre instead of generating heat and compromising fuel efficiency. ECOPIA tyres help channel water away from the tyre through circumferential grooves, which improve resistance to hydroplaning and increase wet traction.

MORE SAVINGS

The ECOPIA tyre is designed with fuel and environmental savings in mind. Because it has a lower rolling resistance than other tyres, ECOPIA tyres have a greater fuel efficiency, leading to greater cost savings and lower CO₂ emissions.

MORE ROAD

The advanced technology of ECOPIA gives you smoother acceleration, a more stable driving experience and better braking performance, which all add up to less wear-and-tear on your tyres. Put that together with its fuel and CO₂ savings, and you'll find the ECOPIA tyre offers a more sustainable, eco-friendly motoring experience - *which means more road for all of us.*

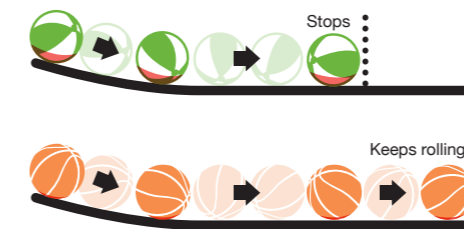
Rolling Resistance Explained

What is Rolling Resistance?

Rolling Resistance is the force that you need to overcome when you roll an object. The more rolling resistance it has, the more force is needed to overcome it.

What is the difference between a Low Rolling Resistance tyre and conventional tyre?

Tyre deformation generates friction between the rubber and the road, which causes excess Rolling Resistance. ECOPIA tyres roll more easily than conventional tyres because their reduced tyre deformation means less resistance and less energy loss.



A basketball deforms less, reducing friction so it rolls easier than a beachball.



Do Low Rolling Resistance tyres help to lower the fuel consumption?

Yes, Rolling Resistance tyres determine 20-30% of a vehicle's total fuel consumption. Therefore, Low Rolling Resistance tyres can lead to significant fuel savings and reductions in CO₂ emissions. With the cost per kilometre (CPK) translating to a few tankfuls of petrol over the course of a year, savings can offset the higher cost of the tyre over its lifetime.

Lower Fuel Consumption

What if you could improve fuel efficiency?

If you could improve fuel efficiency by 5%...

Annual fuel consumption	×	Improvement in fuel efficiency	=	Reduction in fuel consumption
1,000 litres		5 %		50 litres

Reduction in fuel consumption	×	Cost of fuel	=	Save \$50 per year
50 litres		\$1		

*in USD

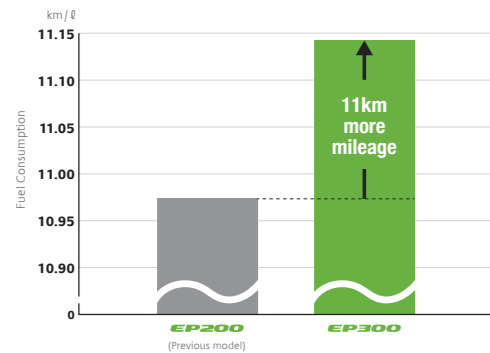
Based on driving 10,000 kilometers per year using 1,000 litres of fuel priced at \$1/litre



When you want it all, the EP300 is engineered for superior performance, which gives you better safety and increased savings.

1 Fuel Efficiency

The low rolling resistance of EP300 proves to increase mileage by 11km per tank.



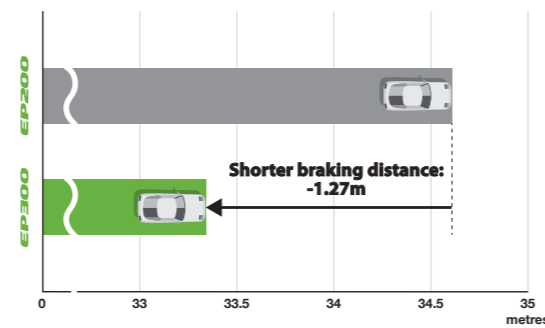
Test conditions: TUV Rheinland Chassis Dynamometer test according to UNECE-R83 and UNECE-R101, Vehicle: Toyota Camry 2.0G, Fuel Tank: 70L, Tyre size: 215/60R16, Inflation pressure: 230kPa, Drive condition: Urban (City)

2 Safer Wet Grip

The EP300 shows improvements in safe wet performance, which is important for drivers in our climate.

Greater peace of mind

Improved grip levels mean a shorter braking distance, even on damp to wet road surfaces.



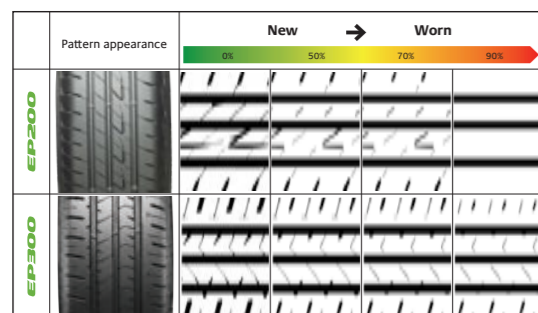
Test conditions: Test course: Bridgestone Thailand Proving Ground, Vehicle: Toyota Camry 2.0G, Tyre size: 215/60R16, Rim: 16 x 6.5J, Air pressure: 230kPa, Speed: 80km/h, Water level: 2mm

3 Long Lasting

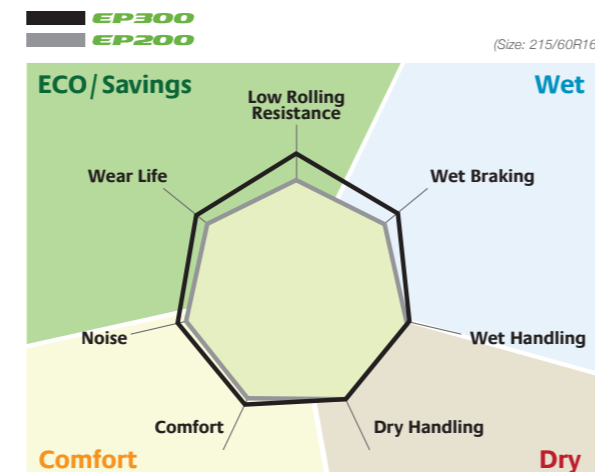
Deeper lug depth and optimised crown shape provide long-lasting performance.

Less frequent tyre changes

Save on tyre costs in the long run.



Product Comparison

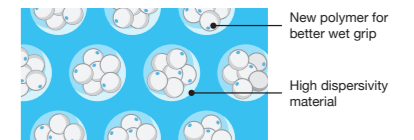
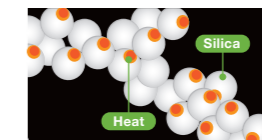


DESIGN & TECHNOLOGY

NanoPro-Tech™

RRC WET

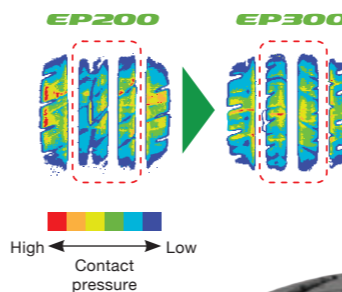
Our cutting-edge compound contributes to improved wet grip and reduced rolling resistance. This is due to its high-dispersing silica that not only increases the contact area, but reduces energy loss.



A Optimised Crown Shape

RRC WET LIFE

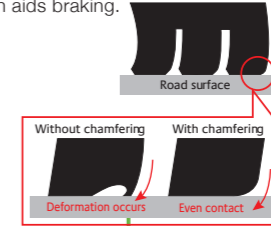
This ensures more even contact pressure between the tyre and road surface, which contributes to better rolling resistance, wet grip and wear life.



B Chamfering Sipe

WET

The rounded block edge design prevents deformation to keep the contact shape flat, which in turn aids braking.



C Round Rib Edge

WET

By maintaining stiffness against lateral forces, improved contact shape and pressure distribution is achieved.

D Deeper Lug Depth

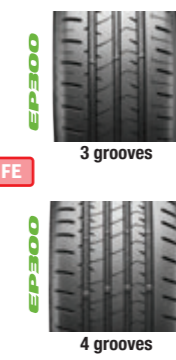
LIFE

By maintaining stiffness against lateral forces, improved contact shape and pressure distribution is achieved.

- RRC** Rolling resistance coefficient for better fuel economy
- WET** Improved grip on wet road surfaces
- LIFE** Improved design for longer tyre life

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
18	45	245/45R18*	096V	-
		235/45R18*	098W	XL
17	45	225/45R17*	091V	-
		215/45R17*	091W	XL
	50	225/50R17*	094V	-
		205/50R17	093V	XL
16	55	225/55R17*	097V	-
		215/55R17*	094V	-
	50	195/50R16	084V	-
		225/55R16*	095V	-
15	55	215/55R16*	093V	-
		205/55R16	091V	-
	60	195/55R16	087V	-
		185/55R16	083V	-
	65	225/60R16*	098V	-
		215/60R16	095V	-
15	50	205/60R16	092V	-
		195/60R16	089H	-
	55	185/60R16	086H	-
		205/65R16	095V	-
	60	195/50R15	082V	-
		195/55R15	085V	-
		185/55R15	082V	-
		205/60R15	091V	-
65	195/60R15	088V	-	
	185/60R15	084V	-	
	215/65R15	096V	-	
	205/65R15	094V	-	
65	195/65R15	091V	-	
	185/65R15	088H	-	
		175/65R15	084H	-

* 4 grooves pattern design





Tread Design For Small Cars

- 1 **Rib-linked Blocks (Outstanding Braking Performance)**
It uniforms ground contact when braking, enhances braking even in wet condition.
- 2 **Optimized 3D Block Shape**
Minimize block surface contact lift off

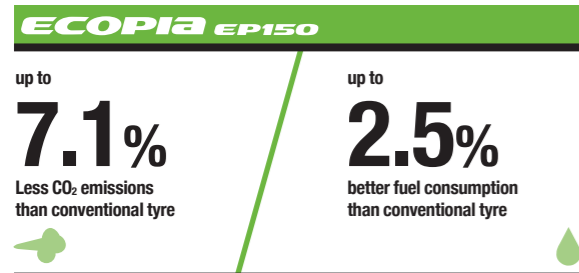
Weight-Optimization (Improved Rolling Resistance)
Optimize the balance of each materials for improved RRC without compromising the durability

Refined Design For SUVs

- 1 **3D Tread Grooves**
Provide a smooth and comfortable ride
- 2 **Rib-linked Blocks**
Ensure uniform weight distribution and Low Rolling Resistance
- 3 **Short and Narrow Slots**
Combination of short and narrow slots that greatly reduces tread pattern noise
- 4 **High-Angle Lug Blocks**
Evenly distribute energy and minimize deformation during braking
- 5 **Optimally Distributed Edges**
Minimize tread wear

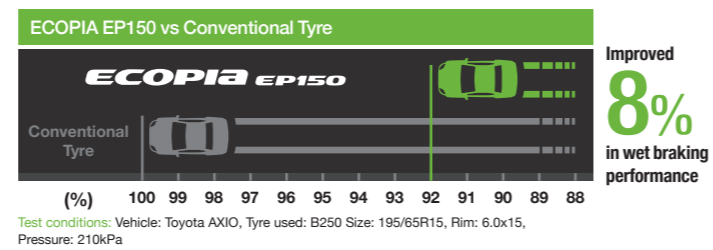


CO₂ Emissions and Fuel Consumption

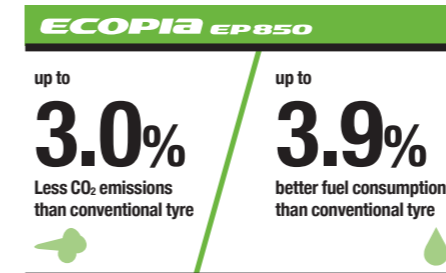


(based on PG and lab. test by JATA, size: 195/65R15, vehicle: TOYOTA Premio, tyre used: B250)
*JATA: Japan Automobile transport Technology Association

Wet Braking Performance

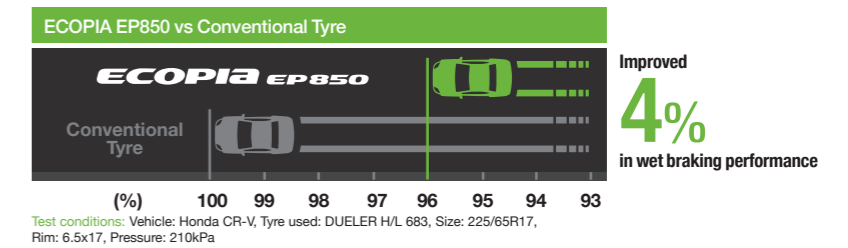


CO₂ Emissions and Fuel Consumption

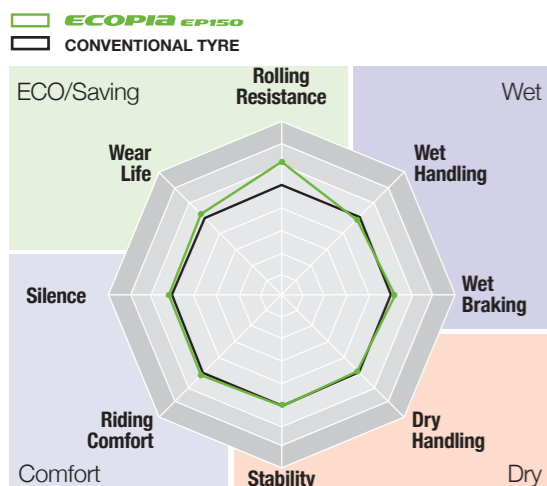


(based on PG and lab. test by JATA, tyre used: DUELER H/L 683 size: 265/65R17 with Toyota Hilux Surf)
*JATA: Japan Automobile transport Technology Association

Wet Braking Performance



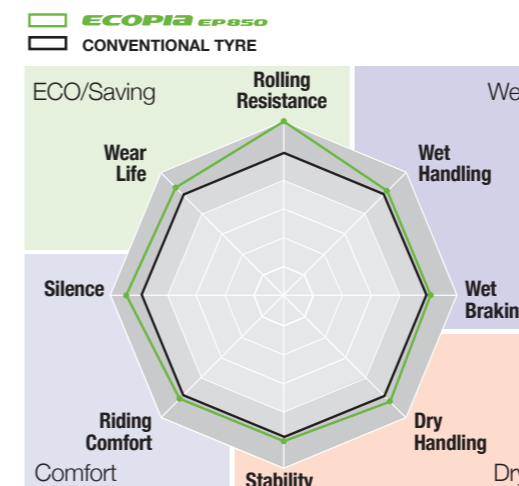
Product Comparison



RIM	ASPECT RATIO	TYRE SIZE	LI/SS
16	55	205/55R16	091H
	60	195/60R16	089H
15	50	175/50R15	075H
		195/60R15	088V
	60	195/60R15	088H
		185/60R15	084H
		175/60R15	081H
		205/65R15	094H
		195/65R15	091V
		195/65R15	091H
65	185/65R15	088H	
	175/65R15	084H	
	70	205/70R15	096H
	14	195/60R14	086H
14	60	185/60R14	082H
	65	195/65R14	089H
		185/65R14	086H

RIM	ASPECT RATIO	TYRE SIZE	LI/SS
14	65	175/65R14	082H
		165/65R14	079S
	195/70R14	091H	
70	185/70R14	088H	
	175/70R14	084H	
	165/70R14	081H	
	80	185/80R14	091S
	13	185/70R13	086H
70	185/70R13	086S	
	175/70R13	082H	
	175/70R13	082S	
	165/70R13	079S	
80	165/80R13	083S	
	12	175/70R12	080S
70	155/70R12	073S	
	155/80R12	077S	

Product Comparison



RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	
20	50	245/50R20	102V	-	
		255/50R19	103V	-	
19	50	235/50R19	099H	-	
		255/55R19	111H	XL	
	55	245/55R19	103V	-	
		235/55R19	101V	-	
18	50	235/50R18	097V	-	
		255/55R18	109V	XL	
	55	235/55R18	100V	-	
		225/55R18	098V	-	
		215/55R18	095H	-	
		215/55R18	099V	XL	
		285/60R18	116V	-	
		265/60R18	110H	-	
		255/60R18	108H	-	
		235/60R18	103V	-	
60	225/60R18	100H	-		
	235/65R18	106H	-		
	225/65R18	103H	-		
	17	235/55R17	103H	XL	
17	55	235/60R17	102H	-	
		225/60R17	099V	-	
	60	215/60R17	096H	-	
		285/65R17	116H	-	
		275/65R17	115H	-	
		75	235/75R15	109H	XL

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
17	65	265/65R17	112H	-
		255/65R17	110H	-
		245/65R17	111H	XL
		235/65R17	108H	XL
70	225/65R17	102H	-	
	215/70R17	101H	-	
	60	235/60R16	100H	-
		255/65R16	109H	-
	65	215/65R16	098H	-
		205/65R16	095H	-
275/70R16		114H	-	
265/70R16		112H	-	
255/70R16		111H	-	
245/70R16		111H	XL	
70	235/70R16	106H	-	
	225/70R16	103H	-	
	215/70R16	100H	-	
	205/70R16	097H	-	
	15	265/70R15	112H	-
		255/70R15	108H	-
235/60R17		102H	-	
70	225/70R15	100H	-	
	215/70R15	096H	-	
	205/70R15	096H	-	
	235/75R15	109H	XL	

SUITABLE FOR SMALL TO MID-SIZED CARS



COMPACT
Toyota Agya
Toyota Yaris
Honda Brio



SEDAN
Toyota Vios
Toyota Corolla
Honda City
Honda Civic



MPV
Toyota Avanza
Toyota Innova
Honda Freed
Honda Mobilio

For a comprehensive list of suitable cars, please consult with your Bridgestone authorised dealer



ALWAYS RELIABLE

EVERY DRIVE IS A SAFE JOURNEY

Every drive is a safe and reliable journey with TECHNO tyres. The ideal choice for small to mid-sized passenger cars with basic entry level performance and economical value. Now everyone can drive with tyres that deliver reliable quality and good performance on wet conditions.



BLOCK SIZE COMBINATION



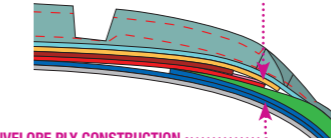
CHAMFERED EDGE



OPTIMISED SIPE ANGLE AND LUG



REINFORCED CAP
Crown protection against penetration damages



ENVELOPE PLY CONSTRUCTION
Enhanced sidewall cut durability

THE FEATURES BEHIND THE PERFORMANCE



A Built for value

- Block size combination minimizes tyre vibration for better irregular wear resistance to give a decent wear life



B A Safer Drive Every Day

- Chamfered Edge maximises dry, wet handling and braking by improving block uniformity on ground contact that produces greater traction



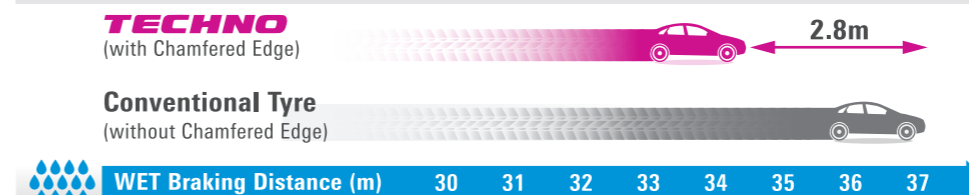
C A Safety in Wet Condition

- Optimised Sipe Angle and lug effectively prevent tyre deformation and enhances water channeling to resist hydroplaning for your safety on wet roads

TECHNO vs CONVENTIONAL TYRE

TECHNO
(with Chamfered Edge)

Conventional Tyre
(without Chamfered Edge)



RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
17	50	225/50R17	094W	-
		215/50R17	091H	-
	55	225/55R17	097V	-
		215/55R17	094V	-
16	55	205/55R16	091H	-
		225/60R16	098H	-
	60	215/60R16	095H	-
		205/60R16	092H	-
		195/60R16	089H	-
65	205/65R16	095H	-	
	195/55R15	085H	-	
15	55	185/55R15	082H	-
		215/60R15	094V	-
	60	205/60R15	091H	-
		195/60R15	088H	-
		185/60R15	084H	-
	65	205/65R15	094H	-
		195/65R15	091H	-
185/65R15		088H/S	-	
175/65R15		084H	-	
14	60	205/60R14	088H	-
		185/60R14	082H	-
	65	185/65R14	086H	-
		175/65R14	082H/S	-
		155/65R14	075S	-
	70	195/70R14	091H/S	-
		185/70R14	088H/S	-
175/70R14		084H	-	
80	185/80R14	091S/T	-	
	13	175/60R13	077H	-
65		165/65R13	077H	-
		155/65R13	073T	-
70	185/70R13	086H	-	
	175/70R13	082T	-	
	80	165/80R13	083S/T	-
		155/80R13	079S	-
12	70	175/70R12	080S	-
		165/70R12	077S	-
	80	155/70R12	073S	-
		145/70R12	069S	-
80	145/80R12	074S	-	

GEAR UP FOR A STYLISH DRIVE



INCH-UP YOUR RIDE

GEAR UP FOR A STYLISH DRIVE

Stand out from the rest with a stylish lightning groove tread pattern that commands attention whenever you drive, and feel the control your car has over the road. TECHNO Sports, the right choice to inch-up your car.

THE FEATURES BEHIND THE PERFORMANCE



A Stylish looks with peace-of-mind driving
The stylish lightning groove tread pattern adds the unique design your car deserves, setting it apart from the rest. It also enhances water drainage, traction, and handling for city driving.



B Innovative design, quiet drive
TECHNO Sports does not only stand out in style with aggressive features but offers a pleasant drive. The design of 5 separate block pitches arranged in a random sequence around the tyre helps reduce road noise for a quiet ride.

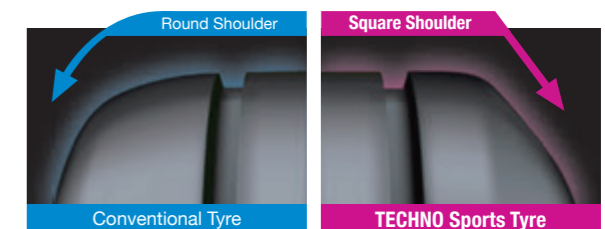


C Bridgestone quality assurance
The Flat Contact Patch design (FCP) helps prevent tyres from deforming due to side-slips to avoid irregular wear, along with enhanced construction to strengthen durability.



C Assured Quality

FCP Tyre Profile
TECHNO Sports is constructed with Flat Contact Patch (FCP) design, which is more squared off at the shoulders to reduce irregular wear by preventing tyre deformation due to side-slips when cornering, offering longer wear life.



Envelope Carcass
The inner envelope carcass is built with strength to maximise tyre durability against external shocks.

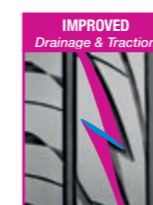


B A stylish drive and a pleasant journey

5-Pitch Variable Block
On top of the aggressive look, the inner and outer blocks of the TECHNO Sports tread both use a combination of 5 separate block pitches arranged in a random sequence on tread pattern around the circumference to spread the noise frequency range, minimising road noise for a quiet ride.

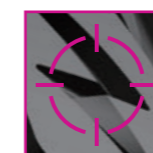


A Stand out in style with confident driving



Lightning Groove
The lightning groove pattern has much more than its impressive looks. It helps disperse water away from the tyres and provides increased traction.

— Improved Drainage
— Traction



3D Triangle Block
3D triangular block creates a more constant contact patch, while large size block makes a sharper initial response that contributes to better handling performance.

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
18	35	215/35R18	084W	XL
		225/40R18	092W	XL
	40	215/40R18	089W	XL
		245/45R18	100W	XL
		225/45R18	095V	XL
17	40	215/40R17	087W	XL
		205/40R17	084V	XL
	45	225/45R17	094V	XL
		215/45R17	091V	XL
		205/45R17	088V	XL
	50	215/50R17	095V	XL
		205/50R17	093V	XL
		225/55R17	101V	XL
16	45	215/55R17	094V	-
		205/45R16	083V	-
	50	205/50R16	087V	-
		195/50R16	084V	-
		205/55R16	091V	-
55	195/55R16	087V	-	
	185/55R16	083V	-	
15	65	195/65R15	091V	-

ALENZA



DESIGNED FOR POWER AND PLEASURE

Two developments key to the Alenza are the 'Nano Pro-Tech' tread compound and the tyre's block structure.

Combining silica and a polymer at a nanotechnology scale to control the property's of the tyre's rubber structure, the Nano Pro-Tech innovation improves wet-weather grip and resists wear.

Additionally a 'multi-round' array, chamfering, M-shaped sipes, and the tyre's block structure bring with it gains in braking performance and steering response.

DYNAMISM AND LUXURY FOR SUV

PROVIDING A QUIETER AND MORE COMFORTABLE RIDE

Combining the allure of rugged yet sleek good looks, a commanding driving position and the practicality of a Sport Utility Vehicle (SUV) is hard to ignore. Complementing an SUV's ability to perform as specified, and realising that potential depends on the tyres it wears on its wheels. As the main contact point between all four wheels and tarmac, an SUV's tyres determine how well the car grips the ground, maintains control under braking, delivers comfort on the drive and whether it has the durability to keep on performing as intended kilometre after kilometre.



Dynamism and Luxury for SUV.
Designed for power and pleasure.



Designed for luxury SUVs, Bridgestone Alenza 001 is exclusively engineered to maximise the potential on both wet and dry roads in confidence and comfort. Offering high-level braking performance, outstanding tyre life, and enhanced grip on wet and dry roads.

Nano Pro-Tech™



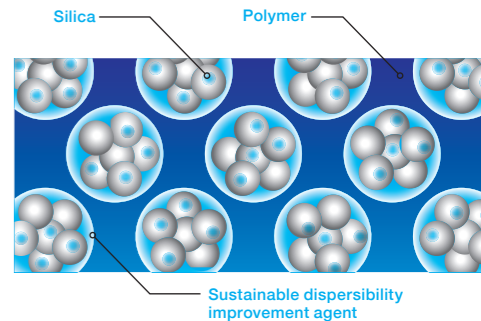
Nano Pro-Tech™

A nanotechnology developed to maximally enhance the performance of a tyre by freely controlling the rubber structure at the scale of a millionth of a millimeter to suit the required performance including fuel efficiency, safety, silence, and endurance.



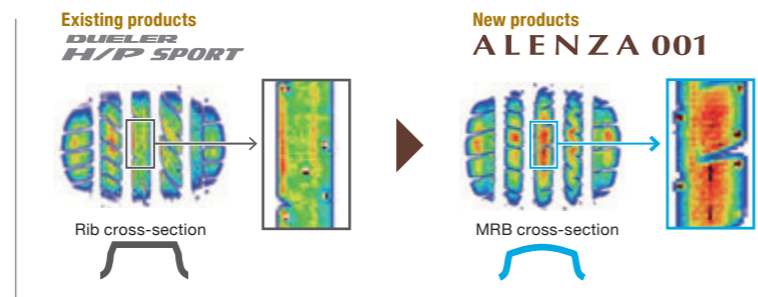
Silica

Silica bonds with polymer to provide flexible characteristics in wet and low-temperature conditions. It is possible to realize both heat resistance and abrasion resistance as well as improved grip in a wide range mainly in wet and low-temperature conditions but also in high-temperature conditions.

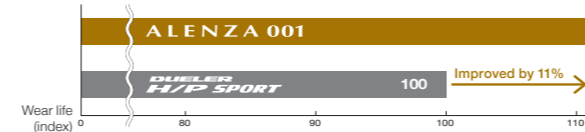


A 3MRB (multi-round block)

Wet grip has been improved by optimizing the roundness at the edge of the rib end and raising the contact pressure at the rib center.



Improved wear life



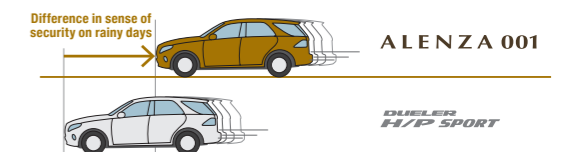
TEST CONDITIONS

Tire size: 255/50R19

Car model used for test:
Toyota Lexus RX450
DAA-CYL 10W (3450 cc),
Front-wheel drive

Air pressure: 230 kPa
Test distance: 10,000 km
Tire rotation: None

Improved wet performance



TEST CONDITIONS

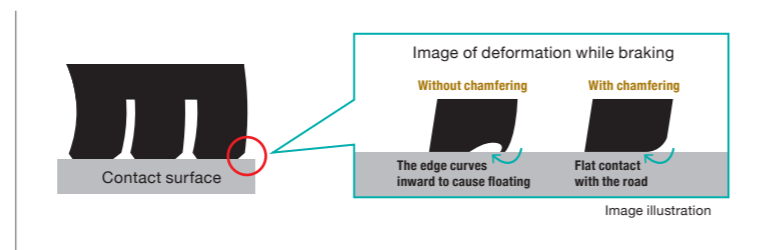
Tire size: 255/50R19

Car model used for test:
Mercedes-Benz ML350 (4MATIC)
Initial speed: 80 km/h

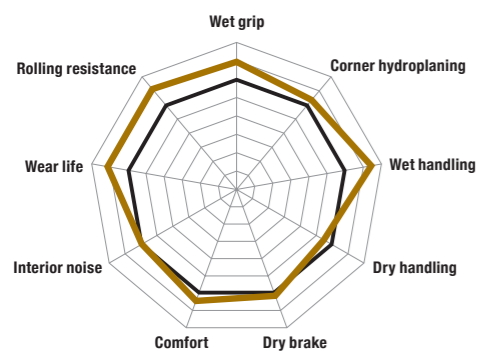
Surface type: Asphalt
Water depth: 2mm
Test location: BSPG

B CHAMFERING

Deformation of the edge curving inwards while braking is restrained by rounding the corner of the block end section. Realizing flat contact with the road while braking.

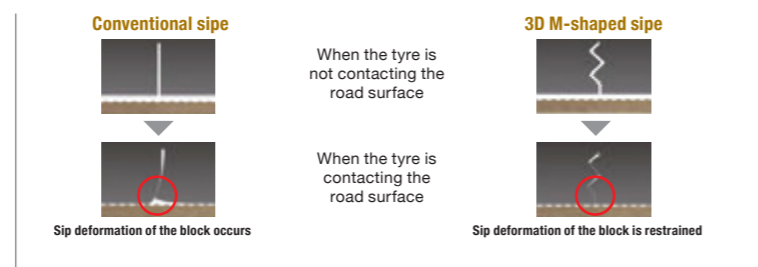


Comparison in performance between ALENZA 001 and DUELER H/P SPORT



C 3D M-shaped sipe

3D M-shaped sipe is made midway through the cross-section. Sipe deformation of the block while braking is restrained to prevent reduction of contact area to improve wet grip.



RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
22	35	285/35R22	106W	XL
		265/35R22	102W	XL
	45	285/45R22	110H	-
21	35	275/50R21	111H	-
		295/35R21	107Y	XL
	40	275/40R21	107W	XL
20	45	275/45R21	110W	XL
		265/45R21	104W	-
		265/45R21	104Y	-
	35	315/35R20	110Y	XL
		295/40R20	110Y	XL
		275/40R20	106Y	XL
		255/40R20	101W	XL
		295/45R20	114W	XL
		275/45R20	110Y	XL
		275/45R20	110Y	XL
40	265/45R20	104Y	-	
	255/45R20	101W	-	
	245/45R20	099V	-	
	285/50R20	116W	XL	
	285/50R20	112V	-	
	275/50R20	109W	-	
	265/50R20	111V	XL	
50	255/50R20	109V	XL	
	245/50R20	102V	-	
	255/50R20	109V	XL	
	235/55R19	105W	XL	
	225/55R19	099V	-	
	235/65R19	109V	XL	
	235/50R18	097V	-	
55	275/55R20	113V	-	
	255/55R20	110W	XL	
	255/55R18	109W	XL	
	255/55R18	109Y	XL	
	235/55R18	100V	-	
	235/55R18	104V	XL	
	235/55R18	104V	XL	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
20	55	255/55R20	110Y	XL
		235/55R20	102V	-
	60	P275/60R20	114H	-
19	45	285/45R19	111W	XL
		275/45R19	108Y	XL
		255/45R19	100V	-
	50	245/45R19	102V	XL
		235/45R19	095W	-
		225/45R19	096W	XL
		225/45R19	092W	-
		265/50R19	110Y	XL
		255/50R19	107Y	XL
		235/50R19	099V	-
55	275/55R19	111V	-	
	255/55R19	111W	XL	
	245/55R19	103V	-	
	235/55R19	101W	-	
	235/55R19	105W	XL	
	225/55R19	099V	-	
	235/65R19	109V	XL	
18	50	235/50R18	097V	-
		255/55R18	109W	XL
	55	255/55R18	109Y	XL
18	55	235/55R18	100V	-
		235/55R18	104V	XL
	235/55R18	104V	XL	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
18	55	225/55R18	098V	-
		215/55R18	099V	XL
	285/60R18	116V	-	
	275/60R18	113V	-	
	265/60R18	110V	-	
17	60	255/60R18	112V	XL
		245/60R18	105H	-
		235/60R18	103W	-
		225/60R18	100H	-
		235/65R18	106V	-
	65	235/55R17	099V	-
		225/55R17	097W	-
		255/60R17	106V	-
		235/60R17	106H	XL
		225/60R17	099V	-
60	215/60R17	096H	-	
	285/65R17	116V	-	
	235/65R17	108V	XL	
	225/65R17	102H	-	
	215/70R17	113H	-	
16	60	235/60R16	100H	-
		215/65R16	098H	-
	65	215/65R16	098H	-



ALL-TERRAIN TRACTION

DUELER TYRES DELIVER A QUIET RIDE AND VERSATILE PERFORMANCE ON BOTH WET AND DRY SURFACES.

DUELER combines the high-level traction and toughness that is required for full-fledged 4WD vehicles. At the same time, it provides superior driving performance, comfort, and reliability to a wide variety of vehicles including pickups, SUVs (sport utility vehicles), CUVs (cross utility vehicles), and premium SUVs / CUVs.

The essence of Bridgestone's tyre design technology which receives worldwide recognition has been channelled into the DUELER tyre brand. It provides even greater driving pleasure for various high-performance 4WD vehicles.

WET PERFORMANCE

Even in the rain, reliable water evacuating sipes and grooves efficiently channel water away from under the tyre, ensuring solid grip and improved safety.

NOISE / VIBRATION REDUCTION













Optimized tread blocks minimize road noise and vibrations from various road and weather conditions for a smooth and comfortable ride.

TRACTION AND CONTROL

Innovative tread pattern design delivers among the highest performance and response possible, providing a confident ride on many types of terrain.

GO ANYWHERE!

What's power without traction? The world's toughest vehicles can climb difficult terrains, only because they ride on the invincible DUELER series from Bridgestone. Designed to bring out the power packed into the world's leading sports utility vehicles and cross utility vehicles, DUELER imposes an iron grip on any kind of terrain, from slick city roads to daunting mountain trails.

<< ON-ROAD CONDITION		OFF-ROAD CONDITION >>	
SPORTY DRIVING	ECO & COMFORTABLE RIDING	TERRAIN DRIVING	
ALENZA 001	ECOPIA EP850	DUELER A/T 697	DUELER M/T 674
			
LUXURY & PERFORMANCE	ECO & COMFORT	ALL TERRAIN	MUD TERRAIN
			
Type of Road Conditions:			
			
Designed to give drivers the riding comfort and performance driving characteristics on luxury SUVs.	Eco-friendly tyre with best ride comfort and low noise performance.	Premium quality all-terrain tyre exclusively engineered for sheer comfort and performance, from dry roads to off-roads.	Exceptional quality 4x4 tyres especially built for off-road use, with bold looks and aggressive performance.
Main Features:			
<ul style="list-style-type: none"> • Superb riding comfort and excellent steering performance • Superior safety in both wet and dry conditions • Engineered to provide long wear life 	<ul style="list-style-type: none"> • Advanced low rolling resistance • No compromise to safety or wear life • Better ride comfort and less noise 	<ul style="list-style-type: none"> • Excellent traction and steering control • Enhanced off-road stability • Smooth ride and low road noise 	<ul style="list-style-type: none"> • Advanced mud traction and grip • Enhanced performance and increased durability • Tough aggressive design

The ultimate 4WD all terrain tyre, designed and tested to withstand the harshest conditions.

Its proven superior wear life and better resistance to cutting and chipping make it the number one choice for all terrain adventuring. Dueler is tough enough to bring you back.



EXCELLENT TRACTION & STEERING CONTROL

Designed to give superior road-handling performance whatever the terrain.

ENHANCED OFF-ROAD STABILITY

Good traction and stability on a variety of terrain.

SMOOTH RIDE & LOW ROAD NOISE

Optimised tread design dampens road noise and vibrations to deliver a smooth quiet ride.

KEY DESIGN ELEMENTS

- 1 Reinforced sidewall produces efficient stress distribution and resistance against abrasions and punctures
- 2 Bold and aggressive white lettering, with black lettering on opposite side to match
- 3 2 in 1 combination design seamlessly merges tread with shoulder
- 4 Computer optimised block pattern merges ultra-modern design with high-performance superiority
- 5 Advanced continuous streamlined grooves efficiently channel water outward while providing greater traction and control under wet conditions
- 6 Optimised highs and lows in the shoulder lug innovatively reduces noise and tread wear
- 7 Tough, alternating Semi Stealth grooves provide high stiffness



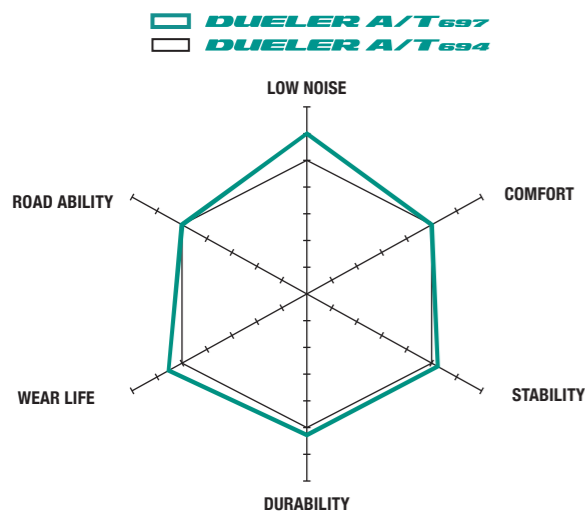
A/T 697 Passenger Construction

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	TYPE	
18	60	285/60R18	116T	-	RBT	
		265/60R18	110T	-	RBT	
17	60	225/60R17	099H	-	RBT	
		215/60R17	096S	-	RBT	
	65	285/65R17	116T	-	OWT	
		275/65R17	115T	-	OWT	
		265/65R17	112T	-	RBT	
		265/65R17	112S	-	OWT	
		255/65R17	110T	-	OWT	
		245/65R17	111T	XL	OWT	
	70	235/65R17	108T	XL	OWT	
		225/65R17	102S	-	OWT	
265/70R17		115S	-	OWT		
225/70R17		108S	XL	RBT		
16	60	235/60R16	100H	-	RBT	
		275/70R16	114S	-	OWT	
	70	265/70R16	112T	-	RBT	
		265/70R16	112S	-	OWT	
		255/70R16	111S	-	OWT	
		245/70R16	111S	XL	OWT	
		245/70R16	107S	-	OWT	
		235/70R16	106T	-	RBT	
	75	225/70R16	103S	-	OWT	
		215/70R16	100S	-	RBT	
		265/75R16	116S	-	RBT	
		245/75R16	111S	-	OWT	
		80	265/70R15	112T	-	OWT
			235/70R15	107S	XL	OWT
			235/70R15	103S	-	OWT
			225/70R15	100S	-	RBT
75	215/70R15	098S	-	OWT		
	205/70R15	096S	-	RBT		
	235/75R15	105S	-	OWT		
	235/75R15	109S	XL	OWT		
	P235/75R15	105S	-	RBT		
	P225/75R15	102S	-	OWT		
80	215/80R15	102T	-	OWT		

A/T 697 Light Truck Construction

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	TYPE	
18	60	285/60R18	118S	8	RBT	
		265/60R18	114S	8	OWT	
17	65	285/65R17	120S	8	OWT	
		275/65R17	118S	8	OWT	
	70	265/65R17	116S	8	OWT	
		255/65R17	114S	8	RBT	
		245/65R17	117R	-	RBT	
		285/70R17	121S	8	OWT	
		265/70R17	118S	8	OWT	
		245/70R17	114S	8	OWT	
	16	65	215/65R16C	106S	-	RBT
			275/70R16	119S	8	RBT
70		265/70R16	117S	8	RBT	
		255/70R16	115S	8	RBT	
		245/70R16	113S	8	OWT	
		245/70R16	118R	10	RBT	
75		235/70R16	110S	8	RBT	
		285/75R16	116R	6	OWT	
		285/75R16	122R	8	OWT	
		265/75R16	123R	10	OWT	
		265/75R16	112S	6	OWT	
		245/75R16	108S	6	OWT	
		245/75R16	114S	8	RBT	
		225/75R16	115R	10	OWT	
		225/75R16	103S	6	OWT	
		85	235/85R16	120R	10	OWT
235/85R16	114R		8	OWT		
750	750R16		112N	8	RBT	
-	205R16		112S	8	RBT	
15	70	-	205R16C	110S	8	RBT
		255/70R15C	112S	-	RBT	
	75	225/70R15C	109S	-	OWT	
		205/70R15C	106S	-	OWT	
		235/75R15	110S	8	RBT	
		235/75R15	104S	6	OWT	
		225/75R15C	110S	-	OWT	
		215/75R15	100S	6	OWT	
		80	215/80R15C	111S	-	RBT
		-	215R15C	113R	8	RBT
30X950	30X950R15	104S	6	OWT		
31X1050	31X1050R15	109S	6	RBT / OWT		
14	27X850	27X850R14	095S	6	OWT	

P: P-Metric size standard
 C: Commercial size standard
 XL: Extra Load Reinforced Load Index
 PR: Ply Rating
 OWT: Outlined White Lettering on Sidewall
 RBT: Raised Black Lettering on Sidewall



ENGINEERED WITH REVOLUTIONARY 3D TECHNOLOGY FOR ADVANCED OFF-ROAD PERFORMANCE



The DUELER M/T 674 tyre has been designed to meet the hardcore demands of off-road driving even through heavy mud. Incorporating revolutionary 3D technology to offer superior durability and off-road performance, the DUELER M/T 674 tyre provides maximum traction and advanced control, no matter how severe your driving needs.

MADE FOR MUD

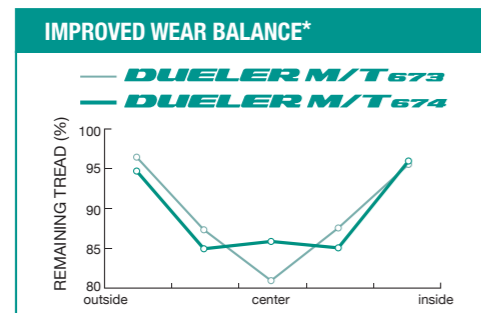
Dynamic 3D Grooves deliver superior traction by cutting into mud and then releasing it as you go. 3D Shoulder Lugs provide added traction for outstanding off-road performance.

READY FOR ANYTHING

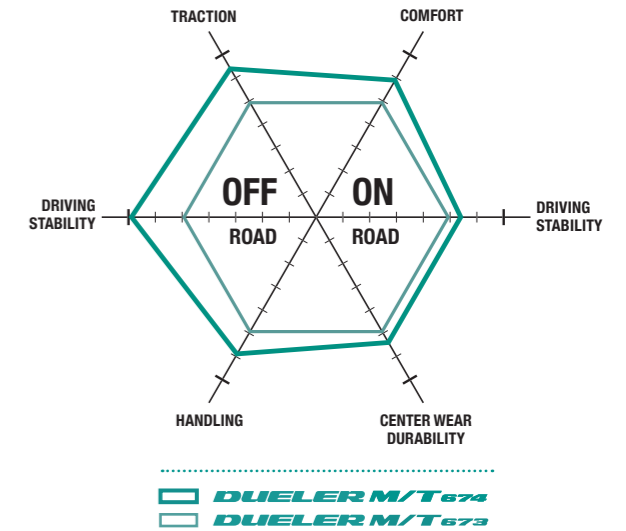
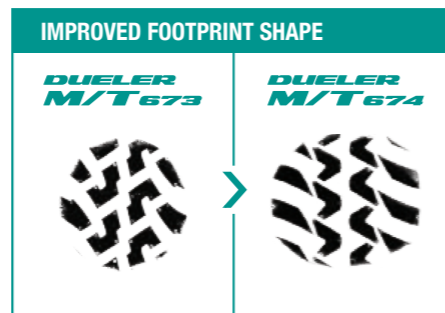
With a molded 3D Upper Sidewall providing enhanced mud traction and a tread pattern as bold as it is intelligent, the DUELER M/T 674 is ready when you are.

TOUGH TECHNOLOGY, LASTING PERFORMANCE

New tread design and 3D technology reduce center wear for excellent durability, while the M/T compound protects against cut chips. Since wear balance has been improved, tyres last longer.



*Wear balance test conducted outside Jakarta, Indonesia with a Mitsubishi L200 Strada on LVR 265/75R16 112Q tyres for a total distance of 10,000km



KEY DESIGN ELEMENTS

- 1 Innovative 3D Buttress step-and-slope design delivers sure control in mud
- 2 Aggressive 3D Upper Sidewall offers added mud traction and protection from off-road hazards
- 3 Raised bold white lettering adds steel to the tyre's striking design
- 4 3D Shoulder Lugs for increased durability and superior handling
- 5 3D Grooves cut into mud for advanced traction and improved performance
- 6 Specially designed voids slope downwards from the center to self-clean for enhanced traction

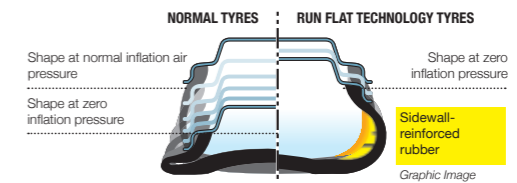
RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	TYPE
17	65	285/65R17	120Q	-	OWT
		265/65R17	120Q	10	RBT
		265/65R17	116Q	8	RBT
	70	245/65R17	117Q	-	RBT
		265/70R17	121Q	10	RBT
		245/70R17	119Q	10	RBT
16	85	225/70R17	110Q	8	OWT
		235/85R16	120Q	10	RBT
		235/85R16	114Q	8	OWT
	70	185/85R16	105L	-	RBT
		265/70R16	121Q	10	RBT
		255/70R16	120Q	10	RBT
		245/70R16	113Q	8	OWT
		285/75R16	122Q	8	OWT
		265/75R16	123Q	10	RBT
		265/75R16	112Q	6	OWT
75	245/75R16	120Q	10	RBT	
	245/75R16	108Q	6	OWT	
	245/75R16	114Q	8	OWT	
	225/75R16	115Q	10	RBT	
	225/75R16	110Q	8	OWT	
15	75	235/75R15	104Q	6	OWT
		235/75R15	110Q	8	OWT
		215/75R15	100Q	6	OWT
	30X950	30X950R15	104Q	6	OWT
31X1050		31X1050R15	109Q	6	OWT
14	27X850	27X850R14	095Q	6	OWT

OWT: Outlined White Lettering on Side Wall
RBT: Raised Black Lettering on Side Wall



RUN-FLAT PERFORMANCE

Even when a tyre suddenly loses air, the car can be safely driven without losing control.



Mechanism of Side-wall reinforced rubber used in Run Flat Technology tyres (Even with a loss of air pressure, load is supported by the side-wall reinforced rubber)

Heat Control Technology

Drive in comfort even with tyre air loss

When tyres puncture, the sidewalls can suddenly warp and generate greater heat. The biggest challenge to maintaining or increasing Run Flat Technology tyre durability (after air pressure is lost) and enhancing riding comfort, is coping with heat generation. Bridgestone's heat control technology resolves this problem.

MORE COMFORTABLE RIDE

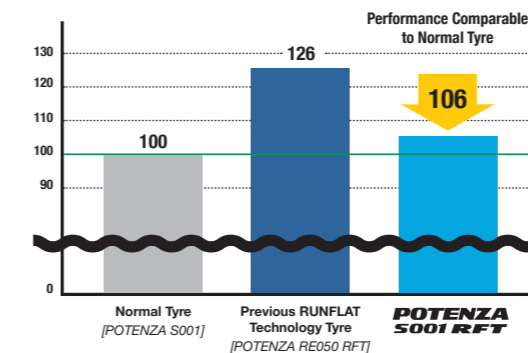
Performance in riding comfort comparable to normal tyre could be achieved.

[Test Conditions]
 Normal tyre (POTENZA S001): 245/40R18 97Y XL
 Previous Runflat Technology tyre (POTENZA RE050 RFT): 245/40RF18 93W
 POTENZA S001 RFT: 245/40RF18 93W
 Test load: 4.71kN Air pressure: 240kPa Testing method: Static load characteristics testing
 Testsite: Facilities located at Bridgestone Technical Center

RUN FLAT TECHNOLOGY TYRE

LAUNCHING THE NEXT GENERATION RUN FLAT TECHNOLOGY TYRE THAT KEEPS YOU SAFE ALL THE TIME

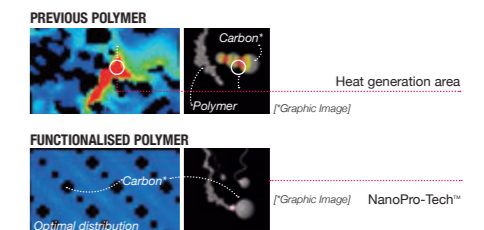
Bridgestone recognises the importance of helping to raise the level of safety for motorists around the world and so has pursued ways to overcome the risks associated with punctures. These efforts have resulted in the revolutionary tyre technology known as Run Flat Technology (RFT). RFT tyres are specially constructed so that even without air, it can still maintain its shape and also the strength to support the weight of the vehicle, therefore continuing to work safely.



New Sidewall-Reinforced Rubber

Reduces friction occurring between carbon molecules when the tyre is loaded, thereby reducing heat generation.

Compared with sidewall-reinforced rubber of previous Run Flat Technology tyres, NanoPro-Tech™ can reduce heat generation that occurs due to the deformation of tyre sidewalls during run-flat driving (when driving on tyres that have lost air pressure) by 50%.

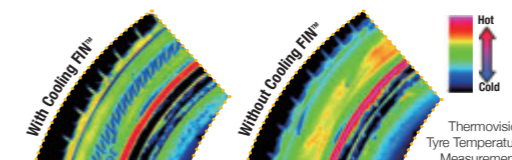


COOLING FIN™

Cooling sidewall heat generated when driving on tyres that have lost air pressure.

COOLING FIN™ technology features protrusions, which face toward the center of the wheel on the surface of tyre sidewalls in order to create disturbances in the airflow and thereby cooling the tyre.

[Test conditions]: Tyre size: 225/45R 17 | Test air pressure: 0kPa | Test load: 3.92kN
 Width of rim: 7.5 inches | Test speed: 80km/h | Testing method: surface temperature taken by indoor drum testing device after 30 minute rotation the tyre was imaged.

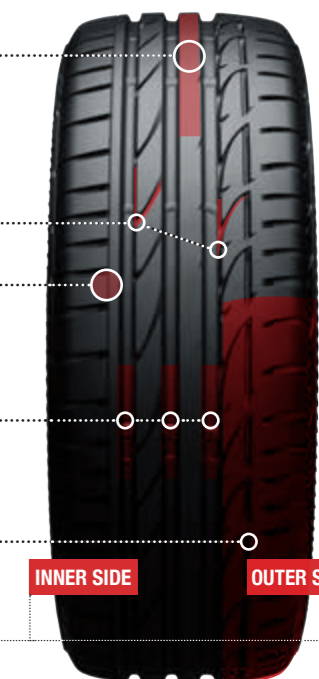


STABILITY & PRECISION THROUGH ENHANCED DESIGN

POTENZA S001 RFT tyres feature an asymmetric design combining a large outboard shoulder, interlocking tread blocks and a central circumferential rib to enhance dry road steering response, high-speed stability and cornering precision.

Dry & Wet Performance

Similar to POTENZA S001 (normal tyre), POTENZA S001 RFT provides excellent dry & wet performance by an inner pattern with high wet performance and an outer pattern with high dry performance.



Semi-Slick Center Rib

The slick center rib enhances handling response of the center steering area.

60° Slant Sag

Stereoscopic blocks in the F1 nose are distributed at 60°. Block rigidity is optimised, and both traction and brake performance were established.

Combination of Block & Slick

Traction and brake performance are enhanced by grooves etched in a cross direction pattern. Furthermore, by adding slick regions, partial wear which tend to occur on inner sides is inhibited, thereby suppressing difference in wear between the inner and outer sides.

GUTT II Simulation / Straight Grooves

To further enhance dry performance, three main grooves are included to create large blocks on the outer sides. Distribution, width, and shape of straight grooves are determined by simulation to ensure high hydroplaning performance.

Multi-Performance Block

Large blocks are created on the outer sides, which experience load during cornering, in order to increase rigidity. This improves handling under both dry and wet conditions.

For Wet Performance

Straight grooves are set in the inner side to ensure good drainage, promoting wet performance such as anti-hydroplaning.

For Dry Performance

Block rigidity is ensured by distributing large blocks, promoting dry performance such as improved dry handling.

RUN FLAT EVOLUTION

FOR A SAFER & ENVIRONMENT-FRIENDLY CAR SOCIETY

Bridgestone Run Flat Technology Tyres initially began as a social activity to enable vehicles for the physically disabled to be driven even after a loss of air pressure. Bridgestone aims for a safer and environment-friendly car society. With this goal in mind, Bridgestone will continue to improve its Run Flat Technology Tyres.

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
20	35	275/35RF20	102Y	XL
	40	245/40RF20	099Y	XL
19	35	275/35RF19	096W	-
	40	275/40RF19	101Y	-
	45	245/45RF19	098Y	-
18	35	255/35RF18	090W	-
	40	275/40RF18	099W	-
		245/40RF18	093W	-
		225/40RF18	088W	-
	45	245/45RF18	096W	-
		225/45RF18	091W	-
50	245/50RF18	100Y	-	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
17	40	255/40RF17	094W	-
		245/45RF17	095W	-
	45	225/45RF17	091W	-
		215/45RF17	087W	-
		205/45RF17	084W	-
16	50	225/50RF17	094W	-
		225/55RF17	097Y	-
	55	225/50RF16	092W	-
55	205/55RF16	091V	-	
	195/55RF16	087V	-	

***Note:** Always install the Tyre Pressure Monitoring System (TPMS) when mounting POTENZA S001 RFT. Use only Bridgestone's recommended wheels. All are tubeless types. POTENZA S001 RFT has left-right asymmetry, so there are no specifications for rotation direction. Follow the "INSIDE" and "OUTSIDE" marks when mounting. Rather than size, there are differences in side design and specifications. Tyre width shows the cross-section width. The rim guard, tyre side pattern, writing, etc., are not included in the tyre width.



BATTLE-TESTED PERFORMANCE & CONTROL

Drivers battling to win in the world's most gruelling races count on nothing else but POTENZA. That is why it is never just another tyre. It is the co-pilot to world champions.

Bridgestone's ultimate 'track day' tyre with dependable everyday performance on the street.

Wet Performance

- Wide Circumferential Grooves
- Angled Directional Pattern

Hydro Evacuation Surface

- provide effective drainage in wet conditions

Track Performance

Wide Center Rib

- Promotes agile steering response

Extreme Shoulder Block

- Allows for confident cornering

Unique Construction and Compound

- Tuned for maximum handling

Performance at high speed for the circuit. Superb dry grip performance and cornering means superb control even when pushed to the limit!



Seamless Stealth Pattern Design

Ensure the compatibility with dry grip and drainage performance by embracing "seamless stealth pattern design".

Spiral Belt Construction

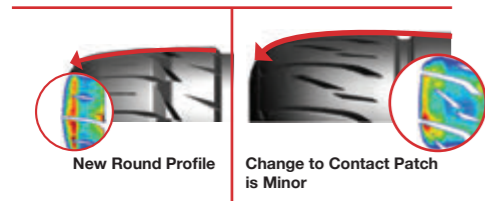
Achieved high handling and easy-to-use by embracing "spiral belt construction" which is designed exclusively for RE-11S.

Improved Groove Area Stability

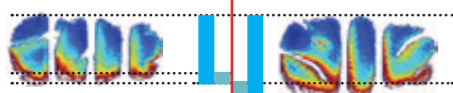
It also improves stability of groove area by embracing top gum which is well-established with particulate carbon and special polymer for motorsports.



STEERING PUTS THE DRIVER AT ONE WITH THE ROAD



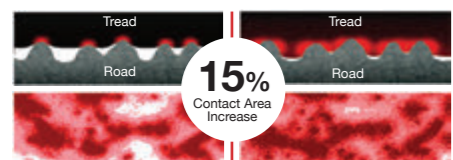
IMPROVED GRIP IN CONTACT PATCH



- Stick (Grip) Area Increased
- Slide (Grip-loss) Area Reduced

NEW TREAD COMPOUND – GRIPS THE ROAD

A new high-grip polymer + Optimised reinforcing agent = Better grip on the road



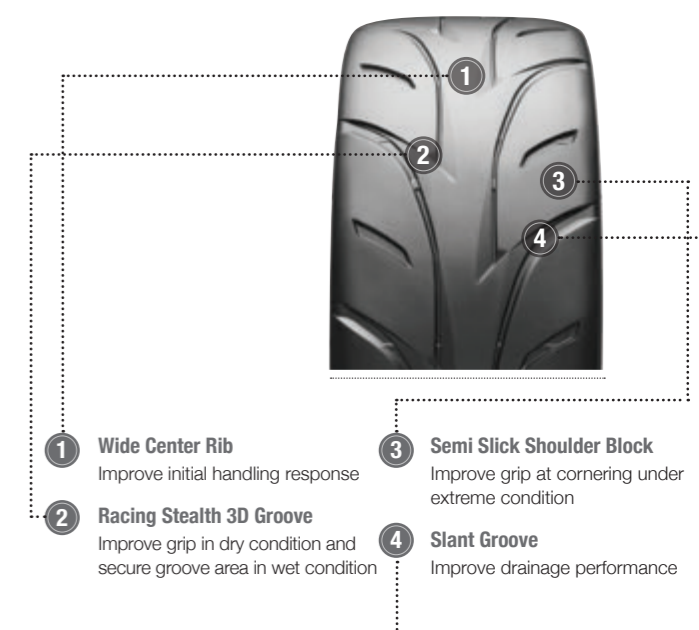
RE-71R

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	
20	30	295/30R20	101W	XL	
	35	285/35R20	100W	-	
		245/35R20	095W	XL	
40	255/40R20	097W	-	-	
	19	305/30R19	102W	XL	-
285/35R19		099W	-	-	
275/35R19		096W	-	-	
35		265/35R19	098W	XL	-
		255/35R19	096W	XL	-
40	245/35R19	093W	XL	-	
	235/35R19	091W	XL	-	
	225/35R19	088W	XL	-	
	265/40R19	098W	-	-	
	245/40R19	098W	XL	-	
18	30	295/30R18	094W	-	
		285/30R18	093W	-	
	35	275/35R18	095W	-	
		265/35R18	097W	XL	
		255/35R18	094W	XL	
40	255/40R18	099W	XL	-	
	245/40R18	097W	XL	-	
	235/40R18	095W	XL	-	
	225/40R18	092W	XL	-	
	215/40R18	089W	XL	-	
45	265/45R18	104W	XL	-	
	245/45R18	100W	XL	-	

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR	
18	45	235/45R18	094W	-	
		225/45R18	095W	XL	
	215/45R18	093W	XL		
50	225/50R18	095W	-	-	
	17	255/40R17	098W	XL	-
245/40R17		091W	-	-	
45		245/45R17	095W	-	-
		235/45R17	094W	-	-
		225/45R17	094W	XL	-
215/45R17	091W	XL	-		
	205/45R17	088W	XL	-	
	16	45	225/45R16	089W	-
215/45R16			086W	-	
205/45R16		087W	XL	-	
50		225/50R16	092V	-	
		205/50R16	087V	-	
55	195/55R16	084V	-		
	205/55R16	091V	-		
15	50	205/50R15	086V	-	
		195/50R15	082V	-	
	55	165/50R15	073V	-	
		195/55R15	085V	-	
		185/55R15	082V	-	
60	205/60R15	091H	-		
	14	50	165/55R14	072V	-
60		185/60R14	082H	-	

RE-11S

RIM	ASPECT RATIO	TYRE SIZE	LI/SS	PR
18	30	285/30R18	093W	-
	35	295/35R18	099W	-
		265/35R18	093W	-
40	255/40R18	-	-	-
	245/40R18	093W	-	-
	235/40R18	091W	-	-
	225/40R18	088W	-	-
	255/40R17	094W	-	-
17	40	245/40R17	091W	-
		235/40R17	090W	-
	45	215/40R17	083W	-
		235/45R17	094W	-
		225/45R17	091W	-
45	225/45R17	091W	XL	-
	215/45R17	088W	XL	-
	205/45R17	088W	XL	-
16	45	225/45R16	089W	-
		215/45R16	086W	-
	205/45R16	087W	XL	-
	50	225/50R16	092V	-
		205/50R16	087V	-
55	195/55R16	084V	-	
	205/55R16	091V	-	
15	50	225/50R15	091V	-
		205/50R15	086V	-
	55	195/50R15	082V	-
		195/55R15	085V	-
		185/55R15	082V	-
60	205/60R15	091H	-	
	14	55	185/55R14	080V
60		195/60R14	086H	-
		185/60R14	082H	-



- Wide Center Rib**
Improve initial handling response
- Racing Stealth 3D Groove**
Improve grip in dry condition and secure groove area in wet condition
- Semi Slick Shoulder Block**
Improve grip at cornering under extreme condition
- Slant Groove**
Improve drainage performance

OE PATTERNS & MAJOR FITMENTS



ECOPIA EP150

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Daihatsu	Ayla	F/R	14	65	175/65R14	82T
	Luxio	F/R	15	65	195/65R15	91H
	Sigra	F/R	14	65	175/65R14	82T
	Xenia	F/R	15	65	185/65R15	88S
	Xenia	F/R	14	70	185/70R14	88S
Fiat	Cronos	F/R	15	60	185/60R15	88H
Ford	EcoSport	F/R	17	50	205/50R17	93H
	Fiesta ST	F/R	15	60	195/60R15	88V
Honda	Amaze	F/R	15	65	175/65R15	84T
	Amaze	F/R	14	65	175/65R14	82T
	BR-V	F/R	16	60	195/60R16	89H
	City	F/R	16	55	185/55R16	83H
	WR-V	F/R	16	60	195/60R16	89H
Hyundai	Verna	F/R	16	55	195/55R16	87V
	Verna	F/R	15	65	185/65R15	88H
Isuzu	Panther	F/R	15	65	205/65R15	94H
Luxgen	MPV	F/R	17	55	215/55R17	98V
	MPV	F/R	16	60	215/60R16	99H
	U5	F/R	17	55	215/55R17	98V
Maruti-Suzuki	Dzire	F/R	15	65	185/65R15	88T
	Dzire	F/R	14	80	165/80R14	85T
	Ertiga	F/R	15	65	185/65R15	88H
	Ignis	F/R	15	65	175/65R15	84H
	Swift	F/R	15	65	185/65R15	88T
	Swift	F/R	14	80	165/80R14	85T
Mitsubishi	Attrage	F/R	14	65	175/65R14	82S
	Mirage	F/R	14	65	165/65R14	79S
	Xpander	F/R	16	55	205/55R16	91V
	Xpander	F/R	15	65	185/65R15	88H
Nissan	Livina Sport	F/R	16	55	195/55R16	87V
	Sentra	F/R	16	60	195/60R16	89H
	Serena	F/R	15	65	195/65R15	91S
	Sylphy	F/R	16	60	195/60R16	89H
Perodua	Myvi	F/R	14	65	175/65R14	82T
Renault	Sandero	F/R	15	65	185/65R15	88H
Suzuki	Celelio	F/R	14	65	165/65R14	79S
	Ciaz	F/R	16	55	195/55R16	87H
	Ciaz	F/R	15	65	185/65R15	88S
	Swift	F/R	16	55	185/55R16	83V
	Swift	F/R	15	65	175/65R15	84H
Toyota	Agya	F/R	14	65	175/65R14	82T
	Aqua	F/R	15	60	185/60R15	84H
	Auris	F/R	16	55	205/55R16	91V
	Auris	F/R	15	65	195/65R15	91H
	Avanza	F/R	15	65	185/65R15	88S
	Avanza	F/R	14	70	185/70R14	88S
	Calya	F/R	14	65	175/65R14	82T
	Corolla	F/R	16	55	205/55R16	91V
	Corolla	F/R	15	65	195/65R15	91H
	Innova	F/R	16	65	205/65R16	95H
	Sienta	F/R	16	55	195/55R16	87V
	Sienta	F/R	15	60	185/60R15	84H
	Vios	F/R	15	60	185/60R15	84H
	Vios	F/R	14	65	175/65R14	82T
	Wigo	F/R	14	65	175/65R14	82T
	Yaris	F/R	15	60	185/60R15	84H
	Yaris	F/R	14	65	175/65R14	82T
	Yaris Ativ	F/R	15	60	185/60R15	84H
Volkswagen	Polo	F/R	15	65	185/65 R15	88H

Updated as of 30 Jun 2018.



TURANZA T001

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Audi	Q2	F/R	18	50	215/50R18	92W
	Q2	F/R	17	55	215/55R17	94V
	Q2	F/R	16	60	215/60R16	95V
Chevrolet	Malibu	F/R	17	55	225/55R17	97W
Citroen	C3 AirCross	F/R	17	50	215/50R17	91H
	C3 AirCross	F/R	16	60	205/60R16	92H
	C3 AirCross	F/R	16	60	195/60R16	89H
Jeep	Compass	F/R	18	55	225/55R18	98V
	Compass	F/R	17	60	225/60R17	99H
	Compass	F/R	16	65	215/65R16	98H
Mazda	CX-3	F/R	16	60	215/60R16	95V
Mini	Countryman	F/R	16	65	205/65R16	95W
	Paceman	F/R	16	65	205/65R16	95W
Opel	Crossland X	F/R	17	50	215/50R17	91H
	Crossland X	F/R	16	60	205/60R16	92H
	Crossland X	F/R	16	60	195/60R16	89H
	Insignia II	F/R	17	55	225/55R17	97W
	Zafira Tourer	F/R	17	50	225/50R17	94V
Renault	Megane sedan	F/R	16	55	205/55R16	91V
SEAT	Ateca	F/R	18	50	225/50R18	95W
	Ateca	F/R	18	50	215/50R18	92W
	Ateca	F/R	17	55	225/55R17	97V
	Ateca	F/R	17	55	215/55R17	94V
	Ibiza	F/R	17	45	215/45R17	91W
	Ibiza	F/R	15	65	185/65R15	88H
Ibiza	F/R	16	55	195/55R16	91V	
Skoda	Karoq (SK326)	F/R	18	50	225/50R18	95W
	Karoq (SK326)	F/R	17	55	225/55R17	97V
	Karoq (SK326)	F/R	16	60	225/60R16	98V
	Yeti	F/R	18	50	215/50R18	92W
	Yeti	F/R	17	55	215/55R17	94V
Tata	Nexon	F/R	16	60	215/60R16	95H
Toyota	Corolla	F/R	15	65	195/65R15	91H
	Innova	F/R	17	55	215/55R17	94V
Volkswagen	Caddy	F/R	17	50	205/50R17	93H
	E-Golf	F/R	16	55	205/55R16	91Q
	Polo	F/R	18	40	215/40R18	89W
	Polo	F/R	17	45	215/45R17	91W
	Polo	F/R	16	55	195/55R16	91V
	Polo	F/R	15	65	185/65R15	88H
	T-Roc	F/R	18	50	215/50R18	92W
T-Roc	F/R	17	55	215/55R17	94V	

Updated as of 30 Jun 2018.

OE PATTERNS & MAJOR FITMENTS



TURANZA T005

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Audi	A6	F/R	21	35	255/35R21	98Y
	A6	F/R	19	45	245/45R19	102Y
	A6	F/R	18	55	225/55R18	102Y
	A7	F/R	21	35	255/35R21	98Y
	A7	F/R	19	45	245/45R19	102Y
	A7	F/R	18	55	225/55R18	102Y
Lexus	ES	F/R	18	45	235/45R18	94W
	LC500 / LC500h	R	20	40	275/40RF20	102Y
	LC500 / LC500h	F	20	45	245/45RF20	99Y
	LF-LC	R	20	40	275/40RF20	102Y
	LF-LC	F	20	45	245/45RF20	99Y
	LF-LC	R	20	40	245/40RF20	102Y
	LS	R	20	40	275/40RF20*	102Y
	LS	F/R	20	45	245/45RF20*	99Y
Mazda	Mazda 6	F/R	19	45	225/45R19	92W
	Mazda 6	F/R	17	55	225/55R17	97V
Mercedes Benz	A-Class	F/R	19	55	205/55R17	91W
	A-Class	F/R	18	45	225/45R18	91W
	A-Class	F/R	18	40	225/40R19	93W
	B-Class	F/R	19	55	205/55R17	91W
	B-Class	F/R	18	45	225/45R18	91W
	B-Class	F/R	18	40	225/40R19	93W
	CLA	F/R	19	55	205/55R17	91W
	CLA	F/R	18	45	225/45R18	91W
MG	MG6	F/R	18	45	225/45R18	91V
Toyota	Camry	F/R	18	45	235/45R18	94W
	Camry	F/R	18	45	235/45R18	94W
	Camry	F/R	17	55	215/55R17	94V
	Camry	F/R	16	65	205/65R16	95H
	Camry	F/R	16	65	205/65R16*	95H
Volkswagen	Polo	F/R	16	60	205/60R16	92H

* RFT Tyres



TURANZA ER30

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Toyota	Corolla	F/R	16	55	205/55R16	91V
	Corolla	F/R	15	65	195/65R15	91H



TURANZA ER33

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Honda	Civic	F/R	17	50	215/50R17	91V
	Civic	F/R	16	55	215/55R16	93H
	HR-V	F/R	17	55	215/55R17	94V
Infiniti	QX50	F/R	19	45	245/45R19	98Y
Lexus	IS	F/R	18	35	255/35R18	90Y
	IS	R/R	18	35	255/35R18	90Y
	IS	F/R	18	40	225/40R18	80Y
	IS	F/R	18	40	225/40R18	88Y
Luxgen	U6	F/R	17	55	215/55R17	94V
Subaru	Forester tS (STI Version)	F/R	19	45	245/45R19	98Y
Toyota	Camry	F/R	18	45	235/45R18	94Y
	Camry	F/R	17	55	215/55R17	94V
	Camry	F/R	16	60	215/60R16	95H
	Innova	F/R	17	55	215/55R17	94V
	Innova Venturer	F/R	17	55	215/55R17	94V
	Sienta	F/R	16	50	195/50R16	84V
	Yaris	F/R	16	50	195/50R16	84V
Vios	F/R	16	50	195/50R16	84V	



TURANZA GR90

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Nissan	Juke	F/R	17	55	215/55 R17	94W

OE PATTERNS & MAJOR FITMENTS



TURANZA ER60

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Maruti-Suzuki Alto-800	F/R	12	80	145/80R12	74H
Suzuki APV	F/R	15	65	195/65R15	91H



TURANZA ER300

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
MG MG3	F/R	16	55	205/55R16	91V
MG3	F/R	15	65	195/65R15	91H
Toyota Etios	F/R	15	60	185/60R15	84H
Etios Cross	F/R	15	60	185/60R15	84H
Liva	F/R	15	60	185/60R15	84H
Vios	F/R	15	60	185/60R15	84H



TURANZA ER370

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
HONDA City/Jazz	F/R	16	55	185/55R16	83H
City/Jazz	F/R	15	65	175/65R15	84T

Updated as of 30 Jun 2018.



B SERIES B250

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Honda City	F/R	15	65	175/65R15	84T
Jazz	F/R	15	65	175/65R15	84T
Mobilio	F/R	15	65	185/65R15	88H
Hyundai Elite i-20	F/R	16	55	195/55R16	87V
Elite i-20	F/R	15	65	185/65R15	88H
Elite i-20	F/R	14	70	185/70R14	88T
IB ACTIVE	F/R	16	55	195/55R16	87V
IB ACTIVE	F/R	15	65	185/65R15	88H
Xcent	F/R	15	60	175/60R15	81H
Mahindra KUV100	F/R	15	60	185/60R15	88T
Nissan Almera	F/R	15	65	185/65R15	88H
Almera	F/R	14	70	175/70R14	84H
Micra	F/R	15	60	175/60R15	81H
Tiida	F/R	16	60	195/60R16	89H
Tata Indica Xeta	F/R	13	80	155/80R13	79T
Tiago	F/R	14	65	175/65R14	82T
Tiago	F/R	13	80	155/80R13	79T
Tigor	F/R	15	60	175/60R15	81H
Tigor	F/R	14	65	175/65R14	82T
Zest	F/R	15	60	185/60R15	84T
Toyota Etios	F/R	14	70	175/70R14	84H
Liva	F/R	14	65	175/65R14	82T
Vios	F/R	15	60	185/60R15	84H
Yaris	F/R	15	60	185/60R15	84H



B SERIES B290

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Mahindra KUV100	F/R	14	65	185/65 R14	86T



B SERIES B390

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Toyota Innova	F/R	16	65	205/65R16	95S
Vios	F/R	14	65	175/65R14	82H
Yaris	F/R	14	65	175/65R14	82H

Updated as of 30 Jun 2018.

OE PATTERNS & MAJOR FITMENTS



POTENZA S001

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Alfa Romeo	Giulia	R	19	255/35R19*	92Y
	Giulia	F	19	225/40R19* XL	89Y
	Giulia	F/R	17	225/50R17* XL	94V
	Giulia	F/R	17	225/50R17*	94W
Audi	Q2 S-Line	F/R	19	235/40R19	96Y
BMW	3-Series	R	18	255/40R18	95Y
	3-Series	F	18	225/45R18	91Y
	4 Series Convertible	R	19	255/35R19*	96Y
	4 Series Convertible	F	19	225/40R19*	93Y
Fiat	124 Spider	F/R	17	205/45R17	84W
Hyundai	Genesis G70	F/R	17	225/50R17	94W
Infiniti	Q50	F/R	18	225/50RF18	95W
	Q60	R	20	275/30R20	97Y
	Q60	F/R	20	255/35RF20*	97Y
	Q60	F	20	255/35RF20*	97Y
	Q60	F/R	20	255/35R20	97Y
	Q60	F	20	255/35R20	97Y
Kia	Stinger	F/R	17	225/50R17	94W
Lexus	LC500 / LC500h	R	21	275/35RF21*	99Y
	LC500 / LC500h	F	21	245/40RF21*	96Y
	LF-LC	R	21	275/35RF21*	96Y
	LF-LC	F	21	245/40RF21*	96Y
Mercedes-Benz	E-Class All-Terrain	F/R	19	245/45R19	102Y
	S-Class	F/R	18	245/50R18	100W
Nissan	Tiida	F/R	17	205/50R17	89V
Porsche	718 Cayman GTS	R	20	265/35ZR20	95Y
	718 Cayman GTS	F	20	235/35ZR20	88Y
SEAT	Ateca	F/R	19	235/40R19	96Y
Volkswagen	T-Roc	F/R	19	225/40R19	93W

* RFT Tyres



POTENZA RE050

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Fiat	124 Spider	F/R	17	205/45R17	84W
Lexus	ES	F/R	19	235/40R19	96Y
	RC	R	19	265/35R19	94Y
Nissan	370Z Roadster	R	18	245/45R18	100W
	370Z Roadster	F	18	225/50R18	99W
Toyota	C-HR	F/R	18	225/50R18	96H
	Vitz GRMN	F/R	17	205/45R17	84W



POTENZA RE050A

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Mitsubishi	Mirage	F/R	15	175/55R15	77V

OE PATTERNS & MAJOR FITMENTS



ALENZA 001

CAR BRAND / MODEL		FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
BMW	X3	F	21	40	245/40R21*	100Y
	X3	R	21	35	275/35R21*	103Y
	X3	F	20	45	245/45R20*	103W
	X3	R	20	40	275/40R20*	106W
	X3	F/R	19	50	245/50R19	105W
	X3	F/R	19	50	245/50R19*	105W
	X3	F/R	18	60	225/60R18	104W
	X3	F/R	18	60	225/60R18*	104W
Daihatsu	Terios	F/R	17	60	215/60R17	96H
Infiniti	QX50	F/R	20	45	255/45RF20* RC	101W
	QX50	F/R	20	45	255/45RF20	101W
	QX50	F/R	19	55	235/55RF19	101V
Nissan	X-Trail	F/R	18	60	225/60R18	100H
Toyota	Rush	F/R	17	60	215/60 R17	96H
Volkswagen	Touareg NF	F/R	20	45	285/45R20	108W

* RFT Tyres



DUELER A/T 693

CAR BRAND / MODEL		FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Mahindra	Scorpio	F/R	15	75	215/75R15	108S
	Xylo MDI	F/R	15	75	215/75R15	108S
Toyota	Fortuner	F/R	17	65	265/65R17	112S

DUELER A/T 693 II

CAR BRAND / MODEL		FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Toyota	Innova	F/R	17	65	265/65R17	112S



ECOPIA EP850

CAR BRAND / MODEL		FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Hyundai	Tucson	F/R	17	60	225/60R17	99V
Mahindra	XUV500	F/R	18	60	235/60R18	103V
Mitsubishi	Outlander	F/R	18	55	225/55R18	98H



DUELER H/L 33

CAR BRAND / MODEL		FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Honda	CR-V	F/R	18	60	235/60R18	103H

OE PATTERNS & MAJOR FITMENTS



DUELER H/L 422 PLUS ECOPIA

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Ford	EcoSport	F/R	17	50	205/50R17	93H
	EcoSport	F/R	16	60	205/60R16	92H
Infiniti	QX50	F/R	20	45	255/45RF20	101V
	QX50	F/R	19	55	235/55RF19	101V
Lexus	ES	F/R	17	55	215/55R17	94V
Luxgen	U6	F/R	18	50	225/50R18	95V
	SUV	F/R	18	55	235/55R18	100V
Mitsubishi	Zinger	F/R	16	60	225/60R16	98H
	Zinger	F/R	15	70	205/70R15	96T
Nissan	Qashqai	F/R	19	45	225/45R19	92W
	X-Trail	F/R	19	55	225/55R19	99H
	X-Trail	F/R	18	60	225/60R18	100H
	X-Trail	F/R	17	65	225/65R17	102H
Subaru	Forester	F/R	17	60	225/60R17	99H
Toyota	Camry	F/R	17	55	215/55R17	94V
Volkswagen	Tiguan	F/R	18	55	235/55R18	100H
	Tiguan	F/R	17	65	215/65R17	99H



DUELER H/P SPORT

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Audi	Q7	F/R	18	65	235/65R18	106W
	Q7	F/R	18	60	255/60R18	108Y
Chevrolet	Equinox	F/R	18	60	225/60R18	100V
Hyundai	Creta	F/R	17	60	215/60R17	69H
Infiniti	Q50	F/R	18	55	225/55R18	98V
Jeep	Compass	F/R	19	45	235/45R19	95H
	Compass	F/R	18	55	225/55R18	98H
	Compass	F/R	16	65	215/65R16	98H
Luxgen	U6	F/R	19	45	225/45R19	92W
Maserati	Levante	F/R	18	60	225/60R18	108W
Nissan	Qashqai	F/R	16	65	215/65R16	98H
Seat	Ateca	F/R	19	45	225/45R19	92W
Skoda	Kodiaq	F/R	17	65	215/65R17	99V
Subaru	Forester	F/R	18	55	225/55R18	98V
	Forester	F/R	17	60	225/60R17	99V
	XV	F/R	18	55	225/55R18	98V
Toyota	C-HR	F/R	17	60	215/60R17	96H
	C-HR	F/R	16	65	215/65R16	98H
Volkswagen	Amarok	F/R	19	55	255/55R19	111H
	Amarok	F/R	18	60	255/60R18	112H
	Amarok	F/R	17	65	245/65R17	111H
	Tiguan	F/R	17	65	215/65R17	99V



DUELER H/L 683

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Isuzu	Panther Touring	F/R	15	-	235/70 R15	103S



DUELER H/T 470

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS	
Honda	CR-V	F/R	17	65	225/65 R17	102T

OE PATTERNS & MAJOR FITMENTS



DUELER H/T 684

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
GM	Colorado	F/R	18	265/60R18	110T
	Trailblazer	F/R	18	265/60R18	110T
Isuzu	D-MAX	F/R	18	255/60R18	108S
	MU-X	F/R	18	255/60R18	108S
Mahindra	Scorpio	F/R	17	235/65R17	104H
	XUV500	F/R	17	235/65R17	104H
Mitsubishi	Pajero Sport	F/R	18	265/60R18	110H
	Pajero Sport	F/R	16	265/70R16	112S
Tata	Hexa	F/R	16	235/70R16	105S
Toyota	Fortuner	F/R	18	265/60R18	110H
	Hilux	F/R	18	265/60R18	110H



DUELER H/T 687

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Mitsubishi	Outlander	F/R	17	215/60 R17	96H



DUELER H/T 684 II

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Ford	Everest	F/R	18	265/60R18	110T
	Everest	F/R	17	265/65R17	112T
	Ranger	F/R	18	265/60R18	110T
	Ranger	F/R	17	265/65R17	112T
	Ranger	F/R	16	255/70R16	111T
GM	Colorado	F/R	18	265/60R18	110T
	Colorado	F/R	17	255/65R17	110S
	Colorado	F/R	16	245/70R16	111S
	Trailblazer	F/R	18	265/60R18	110T
	Trailblazer	F/R	17	255/65R17	110S
Trailblazer	F/R	16	245/70R16	111S	
Isuzu	D-MAX	F/R	18	255/60R18	108S
	D-MAX	F/R	17	255/65R17	110S
	MU-X	F/R	18	255/60R18	108S
Mazda	BT50	F/R	17	265/65R17	112T
	BT50	F/R	16	255/70R16	111T
Mitsubishi	Pajero Sport	F/R	18	265/60R18	110H
	Triton	F/R	17	245/65R17	111S
Nissan	Terra	F/R	18	255/60R18	108H
Toyota	Fortuner	F/R	18	265/60R18	110H



DUELER H/T 689

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
GM	Colorado	F/R	16	245/70R16	111S
	Trailblazer	F/R	16	245/70R16	111S
Isuzu	D-MAX	F/R	16	245/70R16	111S
	MU-X	F/R	16	245/70R16	111S
Mahindra	Bolero TL	F/R	15	215/75R15	100S
	Scorpio	F/R	16	235/70R16	105S
	Thar	F/R	16	235/70R16	105S
Mitsubishi	Triton	F/R	16	205R16C 8PR	110R
Tata	Safari	F/R	16	235/70R16	105S
	Safari Reinforced	F/R	16	235/70R16	109S
	Safari-Storme	F/R	16	235/70R16	105S
	Sumo Gold	F/R	15	215/75R15	106/103 S



DUELER H/T 840

CAR BRAND / MODEL	FRONT/ REAR	RIM	ASPECT RATIO	TYRE SIZE	LI/SS
Isuzu	D-MAX	F/R	16	245/70R16	111S
	MU-X	F/R	16	245/70R16	111S
Mitsubishi	Triton	F/R	16	245/70R16	111S
Nissan	Navara	F/R	16	205R16C 8PR	110R
	Navara	F/R	16	205R16C 8PR	110/108R
Toyota	HILUX S/C	F/R	16	205R16C	110/108S

A large orange commercial truck is shown from a side-rear perspective, driving on a road. The truck is moving towards the right, and the background is a bright, hazy sunset or sunrise sky. The truck's body is highly reflective, showing the sky and the road. The wheels are blurred, indicating motion. The overall scene conveys a sense of long-distance travel and reliability.

COMMERCIAL VEHICLES

THE LONGER ROAD TRAVELLED HAS NEVER FELT SAFER

Whether it is cargo or passengers you are carrying, one thing is for sure: you need to get them there safely and smoothly. And every time you do, we have one more reason to be proud of what we do. Our constant innovations ensure that our tyres stand up to the harsh demands of heavy commercial loads, yet are durable enough to keep your costs to the very lowest. So that you, your customers and ourselves are all winners at the end of the day.

Smile, with Bridgestone!

**EVERY TRIP YOU COMPLETE,
PUTS A SMILE ON OUR FACES.**

LIGHT TRUCKS & VANS



HIGHER LEVEL OF DURABILITY & LONGER WEAR LIFE

BRIDGESTONE, BUSINESS THAT GOES THE EXTRA MILE

When it comes to light trucks, commercial vans and utility trucks, Bridgestone has you covered. Whether you use your vehicle on or off road, on the highway or commercially, we have a tyre to suit your needs. Some people will want increased tyre lifespan while others will want superior traction and manoeuvrability. Some people simply want the reliability of an all purpose tyre. Whatever your needs, from light commercial vehicles to vans and utility trucks, our L/T range has a tyre for you.

Thankfully, Bridgestone Means Business!

Because business is demanding, I expect my set of tyres to take me where I want to go, when I need to. To me, every minute counts, and getting there on the dot each time means I earn more trust, and more respect. My best partner on the road - Bridgestone. Because just like me, these are tyres that go the extra mile, every time. I am driven to greater success, because I can count on my most valuable assets to carry me all the way there!

APPLICATION CHART

AP : All position
D : Drive position
• Recommended Use

Passenger Vehicles & General Cargo				Van	Light Truck / Buses
Urban / Highway / Regional	AP	R200	Pg. 69	-	•
	AP	R202	Pg. 69	-	•
	AP	R230	Pg. 70	-	•
	AP	R623	Pg. 68	•	-
	AP	R624	Pg. 67	•	-
Commercial Vehicles					
Urban	AP	G530	Pg. 71	-	•
	AP	G610	Pg. 71	-	•
Highway / Regional	AP	R156	Pg. 72	-	•
	AP	R180	Pg. 73	-	•
	AP	R225	Pg. 73	-	•
	AP	R227	Pg. 73	-	•
	AP	R294	Pg. 74	-	•
	AP	M716	Pg. 74	-	•
	AP	M728	Pg. 75	-	•
	AP	M755	Pg. 75	-	•
	D	M729	Pg. 75	-	•
	Highway / Regional / Mild Off	BIAS AP	MIGHTY RIB (MR)	Pg. 76	-
Mild Off	AP	M788	Pg. 77	-	•
	AP	M810	Pg. 77	-	•
	AP	M857	Pg. 77	-	•
Mild Off / Off	BIAS D	SUPER U-LUG PREMIUM (SULP)	Pg. 78	-	•
Off	D	L301	Pg. 78	-	•
	D	V-STEEL JAMAL (VSJA)	Pg. 78	-	•

LIGHT TRUCKS & VANS

Passenger

Vans - Passenger

DURAVIS R624

Get more out of your tyres and your business with Bridgestone's DURAVIS range of van tyres. Our focus on safety, durability and fuel economy help minimise the total cost of ownership and maximise your return on investment.

Embedded Technologies & Product Features

Aggressive Pattern & Wide Tread

Long tyre life comes true through increased contact width and maximized block stiffness. Irregular wear control through optimum lug and sipe arrangement.

Duravis Case

DURAVIS case mounted for maintaining long life and durability.

Flask Sipe

Maintains shoulder block sipe until the end period of use and controls performance deterioration after wear.



Embedded technologies and product features

User Benefits



R623 On Road

All Position

- Designed for transporters for day-to-day deliveries around town
- Improved overall performance, especially in wet and dry conditions
- Longer life
- Excellent riding comfort and low noise level
- Outstanding durability

LVR

TYRE SIZE	LI & SS	PR	TYPE
215/70R16C	108T	-	T
195/70R15C	104R	-	T
195R15C	106R	8	T
750R14C	102L	8	T
195R14C	106Q	8	T
195R14C	106R	8	T
185R14C	102P	8	T
185R14C	102R	8	T
185R14C	102S	8	T
175R14C	099R	8	T
165R14C	097R	8	T
175R13C	097R	8	T
165R13C	094R	8	T
155R12C	088R	8	T

LVR

TYRE SIZE	LI/SS	PR	TYPE	TYRE SIZE	LI/SS	PR	TYPE	TYRE SIZE	LI/SS	PR	TYPE
245/75R16	120S	10	T	205/70R15C	106S	8	T	185R14C	099R	6	T
225/75R16C	121R	10	T	195/70R15C	104R	-	T	185R14C	102R	8	T
215/70R16C	108S	6	T	195R15C	106S	-	T	175R13C	097R	8	T
215/65R16C	106T	6	T	215R14C	112N	8	T	165R13C	091R	6	T
225/70R15C	112R	8	T	205R14C	109S	8	T	165R13C	094R	8	T
215/70R15C	109S	8	T	195R14C	106S	8	T	155R12C	088R	8	T

TT: Tube Type T: Tubeless Type

LIGHT TRUCKS & VANS

Passenger

Light Trucks - Passenger



R200 On Road

► All Position

- Offers high maneuverability with confident cornering control
- Stands up to extreme wear with its straight rib design

LSR

TYRE SIZE	LI & SS	PR	TYPE
7.50R16	119M	10	TT
7.50R16	119N	10	TT
7.50R16	121M	12	TT
7.50R16	121N	12	TT
7.00R16	113M	10	TT
7.00R16	113N	10	TT
7.00R16	116M	12	TT
7.00R16	116N	12	TT
7.00R16	117L	12	TT
7.00R16	117L	12	TT
7.50R15	120M	12	TT



R202 On Road

► All Position

The Bridgestone V-Steel Rib R202 is an all position rib tyre designed for light trucks and mini buses. It features a V-steel rib for heavy-duty performance and reduced irregular wear and punctures. Also offering greater manoeuvrability, it's ideal for city and highway driving.

- Excellent responsive handling
- Good wear resistance and long wear life
- Low road noise
- Dependable performance

LVR

TYRE SIZE	LI & SS	PR	TYPE
225/75R16	118L	-	T
225/70R16	117L	-	T
205/70R16	111L	-	T
205/65R16	109L	-	T
195/75R16C	110N	-	T
195/75R15	109L	-	T
185/75R15	106L	-	T

LSR

TYRE SIZE	LI & SS	PR	TYPE
205/60R17.5	111L	-	T
225/85R16	121L	-	T
225/85R16	121N	-	T
215/85R16	120L	-	T
205/85R16	117L	-	T
205/85R16	117N	-	T
195/85R16	114L	-	T
195/85R16	114M	-	T
185/85R16	111L	-	T



R230 On Road

► All Position

The Bridgestone R230 is an all position radial tyre for light trucks travelling on the highway and at high speeds. It features a V-steel rib for heavy-duty performance and reduced irregular wear and punctures, plus a carbon compound for improved grip and longer life.

- Excellent responsive handling
- Outstanding grip in the wet and dry
- Reduced risk of hydroplaning
- Superior cornering stability
- Good wear resistance and long wear life
- Quiet, comfortable ride
- Dependable performance

LSR

TYRE SIZE	LI & SS	PR	TYPE
7.50R16	119N	10	TT
7.50R16	121L	12	TT
7.50R16	121M	12	TT
7.50R16	121N	12	TT
7.00R16	113M	10	TT
7.00R16	113N	10	TT
7.00R16	116L	12	TT
7.00R16	116M	12	TT
7.00R16	116N	12	TT
7.00R16	117M	12	TT
7.00R16	117M	12	TT
6.50R16	109M	10	TT
6.50R16	109N	10	TT
7.00R15	108M	8	TT
7.00R15	111M	10	TT
6.00R15	100L	8	TT



TT: Tube Type T: Tubeless Type

LIGHT TRUCKS & VANS

Commercial

Light Trucks - Commercial

G530 ■ Urban

► All Position

- All-position tyre for on & off services
- Special construction and material for excellent durability and long life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	-	14	TT	700	812	211	6.00GS
8.25R16	-	14	TT	625	861	229	6.50H



G610 ■ Urban

► All Position

- Emphasized wear life
- General purpose tire for medium and low speed running

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	-	14	TT	700	812	209	6.00GS
8.25R16	-	14	TT	625	861	229	6.50H



R156 ■ Highway / Regional

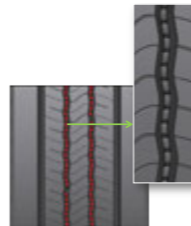



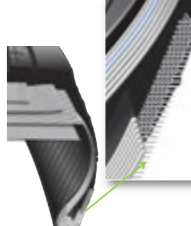
► All Position

- Optimum rib distribution to minimize irregular wear
- Fuel efficient
- Longer tread life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
235/75R17.5	132/130M	-	T	770	803	238	6.75
215/75R17.5	126/124M	-	T	700	773	215	6.00
205/75R17.5	124/122M	-	T	660	760	204	6.00
9.5R17.5	129/127M	-	T	765	844	232	6.75
8.25R16	128/126M	14	TT	625	854	229	6.50H
7.50R16	122/120L	14	TT	700	804	209	6.00GS



KEY FEATURES

<p>1 STONE EJECTORS</p>  <p>Advantages: Dispel stones that could be trapped in the ribs.</p> <p>Benefits: Reduction in the occurrence of stone drilling. Improves casing durability.</p>	<p>2 GROOVE FENCE</p>  <p>Advantages: Gates that 'trap' road noise and lessen tire noise by around 1 to 2db depending on tread pattern.</p> <p>Benefits: Enjoy a quieter ride and reduced environment noise while on the road.</p>	<p>3 OPTIMIZED RIB DISTRIBUTION</p>  <p>Advantages: Rib widths are optimized to reduce deformation and even out contact pressure.</p> <p>Benefits: Reduces Irregular Wear and improves Retreadability.</p>	<p>4 SQUARE SHOULDER DESIGN</p>  <p>Advantages: Contact pressure is more evenly distributed.</p> <p>Benefits: Reduces Irregular Wear</p>	<p>5 DUAL NYLON CHAFERS</p>  <p>Advantages: Protect the highly stressed body ply turn up, and spread the stresses over a larger area to reduce cracking.</p> <p>Benefits: Boost longevity and enhance and maximize the retreadability rate</p>
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TT: Tube Type T: Tubeless Type

LIGHT TRUCKS & VANS

Commercial

Light Trucks - Commercial

R180 Highway / Regional

All Position

- Designed as an economical, general purpose, all position on-road tyre
- Features superior resistance to heat build-up and irregular wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
10R17.5	134/132L	-	T	820	858	242	7.50
8.25R16	128/126L	14	TT	625	858	227	6.50H



R225 Highway / Regional

All Position

- General purpose tyre for medium and low speed running
- Excellent durability and long life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	-	14	TT	700	806	209	6.00GS
8.25R16	-	14	TT	625	855	225	6.50H



R227 Highway / Regional

All Position

- General purpose tyre for medium and low speed running
- Excellent durability and long life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
235/75R17.5	132/130M	14	T	775	803	238	6.75
225/75R17.5	129/127M	12	T	725	789	231	6.75
205/75R17.5	124/122M	12	T	660	759	205	6.00
9.5R17.5	129/127M	-	T	750	847	232	6.75



R294 Highway / Regional

All Position

- Low profile highway tyre
- For all-position & steer axle
- Good resistance to irregular wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
235/75R17.5	132/130M	-	T	770	803	238	6.75
225/75R17.5	128/126M	-	T	710	789	231	6.75
215/75R17.5	124/123L	-	T	675	774	215	6.00
215/75R17.5	126/124M	-	T	700	775	215	6.00
205/75R17.5	123/121M	-	T	660	760	208	6.00
9.5R17.5	129/127M	-	T	765	847	232	6.75
8.5R17.5	121/120M	-	T	625	805	203	6.00



M716 Highway / Regional

All Position

An all position tyre that offers good traction and irregular wear resistance. Offers good cut-chip resistance in mild on-off operations.

- Highway radial designed for drive axle applications
- Offering excellent traction under a variety of conditions
- High resistance to irregular wear ensures long tread life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
235/75R17.5	132/130M	-	T	770	807	238	6.75
215/75R17.5	124/123L	-	T	675	775	215	6.00
9.5R17.5	129/127M	-	T	765	854	232	6.75
8.5R17.5	121/120M	-	T	625	809	203	6.00



TT: Tube Type T: Tubeless Type

LIGHT TRUCKS & VANS

Commercial

Light Trucks - Commercial

M728 ■ Highway / Regional

► All Position

- Designed as an economical, general purpose, all position on-road tyre
- Features superior resistance to heat build-up and irregular wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
8.25R16	127/125L	14	TT	625	866	229	6.50H



M755 ■ Highway / Regional

► All Position

- Cap and base tread compound for excellent resistance to cut and chip as well as greater heat resistance on paved roads

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	109/107M	6	TT	350	808	212	6.0GS
7.50R16	114/112N	8	TT	475	806	214	6.0GS
7.50R16	-	8	TT	475	808	212	6.0GS
7.00R16	116/114N	12	TT	600	781	194	5.50F



M729 ■ Highway / Regional

► Drive

- General purpose tire for medium and low speed running
- Excellent durability and long life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
235/75R17.5	132/130M	14	T	775	806	238	6.75
225/75R17.5	129/127M	12	T	725	793	231	6.75
215/75R17.5	126/124M	12	T	710	780	215	6.00
205/75R17.5	124/122M	12	T	660	766	208	6.00
9.5R17.5	129/127M	-	T	750	849	232	6.75



TT: Tube Type T: Tubeless Type

BIAS MIGHTY RIB (MR) ■ Highway / Regional ■ Mild Off

► All Position

Designed for highway driving, offers tight cornering and good braking.

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
8.25-16	127/125L	14	TT	575	855	233	6.50H
8.25-16	117/115L	8	TT	350	851	233	6.50H
8.25-16	-	14	TT	575	855	235	6.50H
8.25-16	-	12	TT	500	855	235	6.50H
7.50-16	123/121L	14	TT	650	802	214	6.00GS
7.50-16	121/120L	12	TT	600	802	214	6.00GS
7.50-16	-	14	TT	650	816	216	6.00GS
7.50-16	-	12	TT	600	816	222	6.00GS
7.00-16	113/111L	10	TT	500	778	198	5.50F
7.00-16	-	14	TT	725	778	198	5.50F
7.00-16	-	12	TT	575	793	206	5.50F
7.00-16	-	10	TT	500	793	206	5.50F
7.50-15	120/118L	12	TT	600	777	215	6.00GS
7.50-15	117/115L	10	TT	525	790	217	6.00GS
7.50-15	-	12	TT	600	791	223	6.00GS
7.50-15	-	10	TT	525	791	223	6.00GS
7.00-15	-	10	TT	500	768	206	5.50F
7.00-14C	100/99L	8	TT	425	673	186	5J
6.50-14	-	8	TT	425	704	185	4-1/2J
6.00-14	-	8	TT	425	686	174	4-1/2J
6.40-13C	-	8	TT	425	645	182	5J
6.00-13	-	8	TT	425	657	172	4-1/2J
5.50-13	-	8	TT	425	624	158	4J



LIGHT TRUCKS & VANS

Commercial

Light Trucks - Commercial

M788 ■ Mild Off

► All Position

- Superior low-temperature performance
- Advanced tread design for outstanding traction in the wet
- Durable tread compounds for extended tyre life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
225/75R17.5	129/127M	-	T	725	791	231	6.75
215/75R17.5	126/124M	-	T	700	777	215	6.00
205/75R17.5	124/122M	-	T	750	762	208	6.00



M810 ■ Mild Off

► All Position

- An all position tyre that offers good traction and irregular wear resistance

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
225/60R17.5	116/114L	-	T	600	721	217	6.75
195/70R17.5	112/110L	-	T	600	722	198	6.00
195/60R17.5	108/106L	-	T	600	685	198	6
215/85R16	120/118L	-	T	600	780	219	6K
8.25R16	-	14	TT	625	862	229	6.50H
7.00R16	-	12	TT	600	786	197	5.50F
6.50R16	-	12	TT	625	760	184	5.50F
215/60R15.5	110/108L	-	T	600	659	206	6.00
185/70R15.5	106/104L	-	T	600	661	180	5.25
7.50R15	-	12	TT	650	788	210	6.0GS
7.00R15	-	10	TT	525	759	194	5.50F



M857 ■ Mild Off

► All Position

- Built with 4WD vehicles in mind, with unique centre blocks
- Rounded shoulders for a stunning performance on or off road

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	122/120M	14	TT	700	811	206	6.00GS
7.50R16	122/120M	-	TT	700	811	206	6.00GS
7.50R16	121/120L	12	TT	650	811	206	6.00GS
7.50R16	114/112N	8	TT	457	811	206	6.00GS
7.50R16	-	12	TT	650	808	206	6.00GS



TT: Tube Type T: Tubeless Type

BIAS SUPER U-LUG PREMIUM (SULP) ■ Mild Off ■ Off

► Drive

- SULP is a lug tyre for on/off and city use
- Wide and deep tread for excellent tread life
- Reinforced casing for superior durability and cut resistance

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50-16	-	14	TT	650	824	219	6.00GS



L301 ■ Off

► Drive

- Combines the traction needed for gravel, rocky and muddy roads with the performance capabilities needed for high speed highway travel
- Ideal for construction and mining sites

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	121/120M	12	TT	650	812	212	6.0GS
7.50R16	119/117M	10	TT	575	812	212	6.0GS
7.50R16	114/112N	8	T	450	812	214	6.0L



V-STEEL JAMAL (VSJA) ■ Off

► Drive

- Exceptional flotation and traction
- Ideal for desert terrain or paved roads
- Designed for fire and rescue, and military trucks

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
7.50R16	114/112 N	8	TT	450	815	211	6.00GS



TOTAL SOLUTION TO REDUCE YOUR OPERATING COSTS

Bridgestone's B Solution is a one-stop tyre service for truck and bus owners and operators. From buying, maintenance, roadside service, recycling to retreading of tyres, B Solution is there to help reduce operating costs as well as downtime.



FULL SUPPORT / PACKAGES

- Extensive Bridgestone Professional Service Network
- Trained technicians at authorised Bridgestone TB dealers.
- IT support for your total tyre management

SERVICE MAINTENANCE

Maximise Bridgestone's new tyre life with services

Maximise retread tyre life with services

Lower CPK
Cost per Kilometre

Increase tyre life cycle

BRIDGESTONE NEW TYRES

BANDAG RETRAD



BRIDGESTONE NEW TYRES

- Leading brand for truck & tyres
- Excellent performance & durability
- Higher casing value & better retreadability



BANDAG RETRAD

- World-renowned retreading methods
- Reliable retreaded tyres for safety and excellent mileage.

TRUCKS & BUSES

3M Programs

As part of Bridgestone Solution Business to meet the different concerns and needs of fleet operators, we have come up with 3 service programs to provide easy solutions/services to assist them in improving their tyre maintenance, optimizing their operations and potentially reducing costs.



MONITOR

The Monitor Program is for fleets with their own tyre service team, but require technical support to improve their efficiency. Bridgestone will act as consultants performing inspections and providing a set of tyre maintenance reports periodically to the fleet.



SERVICE OFFERED

- On Vehicle Tyre Inspection
- Reports on Tyre Maintenance and Performance
- Scrap Survey

MAINTAIN

The Maintain Program is for fleet customers who want to outsource their tyre maintenance. Bridgestone will provide all tyre servicing works such as mounting, repair, rotation, etc. performed on site or at the tyre shop and also periodic reports on tyre performance.



SERVICE OFFERED

- Tyre Maintenance Services
- On Tyre Inspection
- Scrap Survey
- Reports on Tyre Performance, Maintenance and Tyre Life

MANAGE

The Manage Program is designed for data driven fleet customers who are looking to outsource but want to retain complete visibility over their tyre assets and their performance. Bridgestone provides a comprehensive proprietary online system which gives high level reporting and visualization so they can stay up to date anytime anywhere.



SERVICE OFFERED

- Total Tyre Management
- Exclusive access to the online portal to monitor all tyre-related KPIs

PUSHING OURSELVES, DRIVING INNOVATIONS

- First in the Market
- On-the-Spot Report
- Comprehensive Data Collecting Tool



- With immediate data input during Tyre Check Inspections, issues can be communicated to customers **immediately** in a **clear and informative manner**.
- **Photos** can be taken to make it **easier to judge** the true condition of a damaged tire and to take the appropriate actions.
- Past inspections history can be accessed to **monitor progress** and issues.

AND MUCH MORE!

At Bridgestone, we constantly push ourselves to innovate and deliver the best products and services. Designed for Windows 8 tablet, the newly developed Toolbox Touch App is a testament to that promise.



Please consult your Bridgestone representative for more information on the programs to start promoting to your fleet customers.

How To Select The Right Tyres?

01

Using Condition & Expected Tyre Performance

Using Condition

Vehicles | Vehicle Type / Load

Container Cargo



General Cargo

Dump Truck



Car Carrier



Tanker



Bus



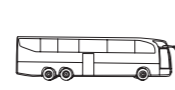
Waste Truck



Cement Mixer



Coach



Usages | Application

Urban



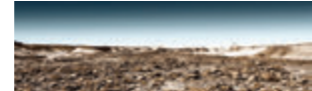
Highway / Regional



Mild Off



Off



Expected Performance

- Wear resistance
- Irregular wear
- Fuel efficiency
- Handling
- Durability
- Retreadability
- Comfort

02

Selection of Tyre Specification / Category

Specification

Tyre size

Load index

Speed symbol



Axle position

Front Rear Trailer

All Position

New



Construction

Radial



Bias



Type

Tubeless 90, 80, 75, 70's etc



Tubetype 100's



Retread



Pattern

Rib



Lug



Rib-Lug



Block



Application Chart



URBAN



HIGHWAY / REGIONAL



MILD OFF



OFF

STEER / ALL POSITION

DRIVE

TRAILER

R162	Pg. 85
R192	Pg. 86
G580	Pg. 87
G610	Pg. 87
G611	Pg. 88

R150	Pg. 89
R151	Pg. 89
R156	Pg. 90
R159 ECOPIA	Pg. 91
R172	Pg. 92
R180	Pg. 92
R184	Pg. 93
R187 Super	Pg. 93
R187	Pg. 94
R210	Pg. 94
R224	Pg. 95
R225	Pg. 95
R227	Pg. 96
R249	Pg. 96
R250	Pg. 97
R294	Pg. 97
R295	Pg. 98
M716	Pg. 98

M810	Pg. 104
M840	Pg. 105
M857	Pg. 106

M789	Pg. 99
BIAS E-MILER LONG SERVICE (EMLS)	Pg. 101
BIAS E-MILER SUPER (EMS)	Pg. 101
BIAS H-MILER (HMR)	Pg. 102
BIAS L-MILER (LM)	Pg. 102
BIAS SUPER U-TRACTION (SUT)	Pg. 102

M729	Pg. 99
M798	Pg. 100

M748	Pg. 103
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L301	Pg. 107
L317	Pg. 107
L355	Pg. 108
V-STEEL E TRACTION (VETZ)	Pg. 109
V-STEEL JAMAL (VSJA)	Pg. 109
BIAS U-LUG (UL)	Pg. 110
BIAS V-LUG (VLGN)	Pg. 110

BIAS SUPER U-LUG PREMIUM (SULP)	Pg. 106
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R168	Pg. 91
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TRUCKS & BUSES

Urban

Urban

These tyres are built to withstand the particularly harsh working life of city operation, enduring endless stop and gos, shocks against pavement, potholes etc. They also offer superior wet road and noise performance.

R162 ■ Urban

► All Position

- Consistent performance through an extra deep tread and reinforced sidewall
- Irregular wear resistance
- Longer life and high retreadability

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
275/70R22.5	148/145J	-	T	900	971	275	8.25
11R22.5	148/145G	-	T	800	1063	278	8.25



R192 ■ Urban

► All Position

- Robust. Reliable. Economical
- Long-lasting, consistent performance through an extra deep tread and reinforced sidewall
- Excellent wet weather traction and reduced noise via optimized pattern design

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
305/70R22.5	152/148J (154/150E)	18	T	920	1010	307	9.00
305/70R22.5	152/148J (154/150E)	-	T	920	1010	307	9.00
295/80R22.5	152/148J (154/150E)	16	T	865	1057	302	9.00
295/80R22.5	152/148J (154/150E)	-	T	865	1058	303	9.00
275/70R22.5	148/145J (152/148E)	16	T	900	968	275	8.25
12R22.5	152/148G	16	T	815	1094	289	9.00
11R22.5	148/145J	16	T	870	1061	278	8.25
305/70R19.5	148/145J (151/149E)	-	T	860	933	307	9.00



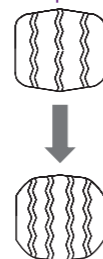
OPTIMIZED CAP/BASE TREAD



Advantages:
Provide **resistance to wear**, cut and chip.
Low heat generation from rubber compound in base tread.

Benefits:
Enhance and **maximize the retreadability** rate.
Improve wear life.

OPTIMIZED RIB DISTRIBUTION



Advantages:
Rib widths are optimized to **reduce deformation and even out contact pressure**.

Benefits:
Reduces **irregular wear** (rib punch wear).

COMPUTER DESIGNED ALL STEEL CASING



Advantages:
4 steel belts ensure tread area **remains flat** during road contact.
Steel body ply sustains the inflation for heavy load.

Benefits:
Boost **durability** and **maximize the retreadability** rate.

TT: Tube Type T: Tubeless Type

OUTSTANDING TRACTION : The R192's Variable Depth Sipes maximize sipe density for improved braking and acceleration, even on wet roads. The solid rib design delivers excellent levels of handling performance.

ENHANCED DURABILITY : The R192's robust casing and reinforced side guard offer excellent protection from scuffing, abrasion and general wear resulting in excellent retreadability.

Urban

G580 ■ Urban



► All Position

- Wide tread design providing excellent road grip
- 3 zig-zag grooves give superb water channeling and increase grip on wet surfaces
- Optimum tread design for longer life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12.00R24	160/156K	20	TT	850	1206	315	8.50V
315/80R22.5	156/151L	18	T	840	1080	314	9.00
315/80R22.5	154/150M (156/150L)	-	T	840	1080	314	9.00
12.00R20	154/149K	18	TT	775	1117	308	8.50V
11.00R20	150/146K	16	TT	815	1080	289	8.00V
10.00R20	147/143K	16	TT	775	1047	272	7.50V
9.00R20	140/137K	14	TT	740	1022	256	7.00T



G611 ■ Urban



► All Position

- Offer extra-long life for urban operations
- Good wet traction
- High resistance to cutting and abrasion

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
295/80R22.5	152/148J	-	T	820	1051	288	9.00
295/80R22.5	153/150J	18	T	900	1051	299	9.00
11R22.5	148/145J	16	T	775	1054	275	8.25
11R22.5	-	14	T	700	1054	275	8.25
11.00R20	150/146K	16	TT	775	1084	291	8.00V
10.00R20	147/143J	-	TT	775	1054	273	7.50V
10.00R20	148/144J	16	TT	775	1054	274	7.50V
10.00R20	-	14	TT	725	1054	273	7.50V
11.1R20	-	16	TT	750	1054	273	7.50V



G610 ■ Urban



► All Position

- Extra-long original tread life for urban area operation

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12R22.5	-	14	T	725	1084	295	9.00
12R22.5	-	16	T	800	1084	295	9.00
11R22.5	-	14	T	700	1054	275	8.25
11R22.5	-	16	T	800	1054	275	8.25
10.00R20	-	14	TT	725	1054	274	7.50V
9.00R20	-	14	TT	725	1020	253	7.00T
9R19.5	-	14	T	725	889	228	6.75
7.50R18	-	14	TT	775	884	208	6.00S
225/90R17.5	127/125L	-	T	700	859	220	6.75
225/80R17.5	123/122L	-	T	700	810	201	6.75



TT: Tube Type T: Tubeless Type

Highway / Regional

These tyres are specially designed for travelling long distance at high speed on highways with great durability and performance.

R150 Highway / Regional

► All Position

- Optimum tread design to minimize irregular wear
- Suitable for short to middle range operation

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	154/150M (156/150L)	18	T	820	1081	316	9.00
295/80R22.5	152/149M	18	T	850	1054	297	9.00
295/80R22.5	152/148M	-	T	850	1054	297	9.00
12R22.5	152/148L	16	T	850	1084	296	9.00
12R22.5	152/149L	18	T	850	1084	296	9.00
11R22.5	148/145L (146/143M)	16	T	800	1052	275	8.25
11.00R20	150/146K	16	TT	775	1082	292	8.00V
10.00R20	146/143K	16	TT	775	1052	273	7.50V



R156 Highway / Regional

► All Position

- Optimum rib distribution to minimize irregular wear
- Fuel efficient
- Longer tread life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	154/151M	-	T	840	1078	320	9.00
295/80R22.5	152/148M	-	T	850	1054	298	9.00
275/80R22.5	149/146M	-	T	820	1020	278	8.25
275/70R22.5	148/145M	-	T	900	966	265	8.25
12R22.5	152/148L	-	T	850	1082	296	9.00
11R22.5	148/145L	-	T	800	1051	275	8.25
12.00R20	154/150K	18	TT	775	1119	308	8.50V
11.00R20	150/146K	16	TT	775	1081	292	8.00V
10.00R20	147/143K	16	TT	800	1052	274	7.50V
9.00R20	140/137K	14	TT	725	1022	256	7.00T
265/70R19.5	140/138M	-	T	740	869	254	7.50
245/70R19.5	136/134M	-	T	825	846	242	7.50



R151 Highway / Regional

► All Position

- Long wear life by improvement of irregular wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11R22.5	148/145L (146/143M)	16	T	800	1052	275	8.25



KEY FEATURES

- STONE EJECTORS**

Advantages: Dispel stones that could be trapped in the ribs.

Benefits: Reduction in the occurrence of stone drilling. Improves casing durability.
- GROOVE FENCE**

Advantages: Gates that 'trap' road noise and lessen tire noise by around 1 to 2db depending on tread pattern.

Benefits: Enjoy a quieter ride and reduced environment noise while on the road.
- OPTIMIZED RIB DISTRIBUTION**

Advantages: Rib widths are optimized to reduce deformation and even out contact pressure.

Benefits: Reduces Irregular Wear and improves Retreadability.
- SQUARE SHOULDER DESIGN**

Advantages: Contact pressure is more evenly distributed.

Benefits: Reduces Irregular Wear
- DUAL NYLON CHAFERS**

Advantages: Protect the highly stressed body ply turn up, and spread the stresses over a larger area to reduce cracking.

Benefits: Boost longevity and enhance and maximize the retreadability rate

TT: Tube Type T: Tubeless Type

Highway / Regional

ECOPIA R159 ■ Highway / Regional

► All Position

- Fuel efficient from use of Nano Tech compound
- Greater comfort
- Tread compound optimized for long life and irregular wear resistance

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
295/80R22.5	152/148M	-	T	900	1052	296	9.00
275/80R22.5	149/146M	-	T	820	1020	278	8.25
275/70R22.5	148/145M	-	T	900	966	265	8.25
12R22.5	152/148L	-	T	850	1080	296	9.00
11R22.5	148/145L	-	T	800	1048	275	8.25
245/70R19.5	136/134M	-	T	825	846	242	7.50



R172 ■ Highway / Regional

► All Position

- Optimized cap/base tread for longer tread life and cut/chip resistance
- Enhance retreadability

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
295/80R22.5	152/148M	-	T	850	1051	297	9.00
11R22.5	148/145K	-	T	850	1049	275	8.25
12.00R20	154/150K	18	TT	775	1117	308	8.50V
11.00R20	150/146K	16	TT	775	1080	292	8.00V
10.00R20	147/143L	16	TT	775	1049	273	7.50V
9.00R20	140/137K	14	TT	740	1024	256	7.00T



R168 ■ Highway / Regional

► Trailer

- Large footprint for uniform contact pressure
- Highly resistant to irregular wear
- Tapered tread grooves resist stone trapping
- Durable casings for excellent retreadability

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
385/65R22.5	160K (158L)	18	T	900	1085	379	11.75
385/65R22.5	160K	20	T	920	1085	378	11.75
385/65R22.5	162K	22	T	900	1081	377	11.75
385/65R22.5	160K (158L)	-	T	900	1085	378	11.75
385/55R22.5	160K (158L)	20	T	900	1005	384	12.25
385/55R22.5	160K (158L)	-	T	900	1005	384	12.25
275/70R22.5	148/145L	-	T	890	961	265	8.25
255/70R22.5	140/137J	-	T	820	930	250	7.50
11R22.5	148/145L	-	T	850	1045	283	8.25
245/70R19.5	141/140J	-	T	850	845	251	7.50
245/70R17.5	143/141J (144/144F)	-	T	875	797	243	7.50
205/65R17.5	127/125J (129/129F)	-	T	850	715	205	6.00



R180 ■ Highway / Regional

► All Position

- Resistant to irregular wear
- Resistant to cut chip and stone retention

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11R22.5	144/139J	14	T	720	1048	275	8.25
9R22.5	133/131L	14	T	775	971	228	6.75
14.00R20	164/160F	22	TT	700	1238	378	10.00WI
9R17.5	-	14	T	770	841	230	6.75



TT: Tube Type T: Tubeless Type

Highway / Regional

R184 Highway / Regional

► All Position

- Five-rib pattern designed exclusively for low-platform trailers
- Multiple cross-rib sipes break up pocketed water for a firm grip on wet roads
- Continuous shoulders help combat shoulder rib damage from maneuvering scrub



SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	156/153J	-	T	900	1076	310	9.00
295/80R22.5	152/148M	-	T	865	1048	298	9.00
275/70R22.5	148/145L	16	T	890	962	265	8.25
275/70R22.5	148/145L	-	T	890	962	265	8.25
255/70R22.5	140/137J	-	T	820	930	250	7.50
235/70R22.5	138/135J	-	T	900	903	233	6.75
285/70R19.5	148/145J	-	T	865	892	270	8.25
245/70R17.5	143/141J	-	T	875	797	251	7.50
235/75R17.5	143/141J	-	T	865	805	238	6.75
235/70R17.5	127/125J	-	T	750	775	230	6.75
215/75R17.5	135/133J	16	T	867	776	214	6.00
205/80R15	124/122J	-	TT	740	716	213	5.50

R187 Highway / Regional

► All Position

- Resistant to irregular wear
- Resistant to cut and chip and stone retention



SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
13R22.5	156/150K	18	T	875	1131	316	9.75
12R22.5	152/148M	16	T	815	1083	294	9.00
11R22.5	148/145L	16	T	775	1052	275	8.25
10R22.5	140/137K	14	T	725	1015	254	7.50
12.00R20	154/150K	18	TT	775	1123	315	8.50V
11.00R20	150/146K	16	TT	775	1080	289	8.00V
10.00R20	144/139K	14	TT	670	1052	273	7.50V
10.00R20	146/143K	16	TT	815	1052	271	7.50V
9.00R20	-	14	TT	740	1023	253	7.00T
8.25R20	133/131K	14	TT	775	966	230	6.50T
10.00R15	148/145J	18	TT	870	916	266	7.50V
8.25R15	142/141L	18	TT	850	841	230	6.5
7.50R15	135/133J	16	TT	870	769	206	6.0

R187 Super Highway / Regional

► All Position

- Resistant to irregular wear
- Resistant to cut and chip and stone retention



SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11.00R20	-	16	TT	840	1080	282	8.00V
10.00R20	-	16	TT	725	1052	267	7.50V

R210 Highway / Regional

► All Position

- Long wear life and strong irregular wear resistance
- Good handling and steering precision
- Excellent braking in the wet and dry
- Highly durable casing



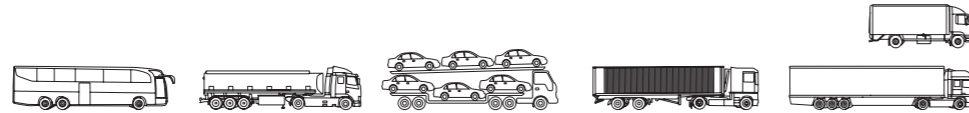
SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
10.00R20	143/139K	14	TT	725	1048	271	7.50V
8.25R20	-	14	TT	725	964	229	6.50T
7.50R20	-	12	TT	725	928	208	6.00S

TT: Tube Type T: Tubeless Type

Highway / Regional

R224 Highway / Regional

► All Position



- Special top rubber compound and increased inner liner gauge to give strong casing for heavy operation

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12R22.5	152/148L	16	T	775	1084	294	9.00
11R22.5	148/145L	16	T	775	1050	278	8.25
10.00R20	146/143K	16	TT	775	1050	275	7.50V



R225 Highway / Regional

► All Position



- Irregular wear resistance
- Excellent handling performance even on wet surfaces

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
295/80R22.5	153/150J	-	T	900	1051	291	9.00
275/80R22.5	151/148J	-	T	900	1019	275	8.25
275/70R22.5	148/145J	-	T	875	963	267	8.25
255/70R22.5	143/140J	-	T	900	928	238	7.50
11/70R22.5	-	14	T	800	963	267	8.25
12R22.5	-	14	T	725	1077	290	9.00
12R22.5	-	16	T	800	1077	290	9.00
11R22.5	-	14	T	700	1049	276	8.25
11R22.5	-	16	T	800	1049	276	8.25
10R22.5	-	14	T	725	1014	252	7.50
10.00R20	-	14	TT	725	1050	274	7.50V
265/70R19.5	140/138J	-	T	850	870	252	7.50
245/70R19.5	136/134J	-	T	850	843	236	7.50
9R19.5	-	14	T	725	884	232	6.75
7.50R18	-	14	TT	775	877	213	6.00S
235/70R17.5	127/125J	-	T	750	776	236	6.75
225/90R17.5	127/125L	-	T	700	855	220	6.75
225/80R17.5	123/122L	-	T	700	803	203	6.75
215/70R17.5	123/121J	-	T	775	747	211	6.00



TT: Tube Type T: Tubeless Type

R227 Highway / Regional

► All Position



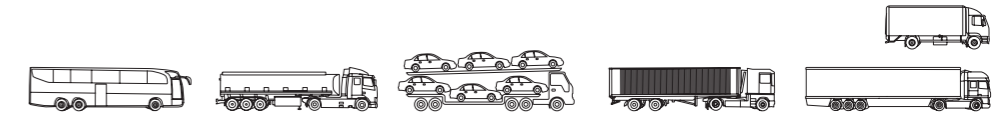
- Uni-directional tread pattern for superior wet-weather handling
- Low rolling resistance and superior mileage
- Long tyre life with sidewall protection system

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	154/150M (156/150L)	18	T	840	1077	314	9.00
315/70R22.5	152/148M (154/150L)	16	T	850	1022	314	9.00
315/60R22.5	152/148L	16	T	900	961	310	9.75
305/70R22.5	150/148M (152/148L)	16	T	870	1001	303	9.00
305/70R22.5	150/148M	-	T	870	1001	303	9.00
295/80R22.5	152/148M	-	T	850	1052	297	9.00
275/70R22.5	148/145M	-	T	900	962	267	8.25
305/70R19.5	148/145M	18	T	860	923	304	9.00
285/70R19.5	145/143M	16	T	850	896	270	8.25
265/70R19.5	140/138M	14	T	740	868	254	7.50
245/70R19.5	136/134M	14	T	775	845	242	7.50
265/70R17.5	138/136M	14	T	775	820	258	7.50
245/70R17.5	136/134M	16	T	850	797	245	7.50



R249 Highway / Regional

► All Position



- Long wear life
- Irregular wear resistance
- Ride comfort and handling

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
385/65R22.5	160K (158L)	18	T	920	1082	378	11.75
385/65R22.5	160K (158L)	-	T	900	1082	378	11.75
385/55R22.5	160K (158L)	20	T	900	1002	384	12.25
355/50R22.5	156L	-	T	900	935	355	11.75
315/80R22.5	154/150M (156/150L)	20	T	850	1077	314	9.00
315/80R22.5	154/150M (156/150L)	-	T	850	1077	314	9.00
315/70R22.5	152/148M (154/150L)	-	T	850	1020	314	9.00
315/60R22.5	154/148L	-	T	900	961	313	9.75
305/70R22.5	150/148M (152/148L)	16	T	850	994	303	9.00
295/80R22.5	152/148M	-	T	850	1052	296	9.00
295/60R22.5	150/147L	-	T	900	929	299	9.00



Highway / Regional

R250 Highway / Regional



► All Position

- Outstanding resistance to irregular wear
- Superior resistance to rib-tearing

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
295/80R22.5	152/148M	16	T	850	1054	290	9.00
275/70R22.5	-	18	T	830	964	273	8.25
275/70R22.5	152/148J	18	T	900	964	276	8.25
12R22.5	152/148L	16	T	815	1084	294	9.00
11R22.5	-	14	T	720	1050	275	8.25
11R22.5	148/145L	16	T	760	1050	275	8.25
10R22.5	-	14	T	725	1017	252	7.50
11.00R20	-	16	TT	775	1077	294	8.00V
225/70R19.5	-	12	T	660	818	217	6.00



R295 Highway / Regional



► All Position

- Defense groove protects important central portion of thread from irregular wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
13R22.5	154/150L (152/148M)	18	T	850	1127	316	9.75
12R22.5	152/148M	16	T	775	1084	294	9.00
11R22.5	148/145L (146/143M)	16	T	775	1050	274	8.25
11.00R20	150/146K (147/143L)	16	TT	775	1080	289	8.00V
10.00R20	146/143K	16	TT	775	1050	270	7.50V



R294 Highway / Regional



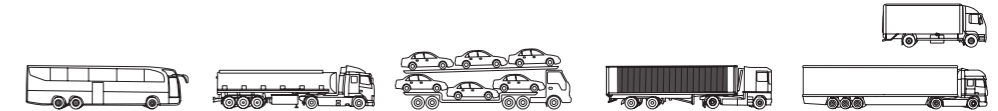
► All Position

- Outstanding resistance to irregular wear
- Long original tread life
- Superior steering response

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	154/150M (156/150L)	-	T	840	1079	310	9.00
295/80R22.5	152/148M	-	T	865	1052	288	9.00
285/60R22.5	148/145L	-	T	920	919	292	9.00
275/80R22.5	148/144M	-	T	820	1021	278	8.25
275/70R22.5	148/145M	16	T	890	964	267	8.25
255/70R22.5	140/137M (140/140L)	-	T	820	930	252	7.50
265/70R19.5	140/138M	14	T	740	869	252	7.50
245/70R19.5	136/134M	14	T	790	845	244	7.50
245/70R19.5	136/134M	-	T	790	845	244	7.50



M716 Highway / Regional



► All Position

- Good traction and irregular wear resistance
- Good cut and chip resistance in mild on-off operations

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
275/80R22.5	149/146M	-	T	850	1025	276	8.25
10R22.5	144/142L	14	T	725	1024	250	7.50



TT: Tube Type T: Tubeless Type

Highway / Regional

M729 Highway / Regional



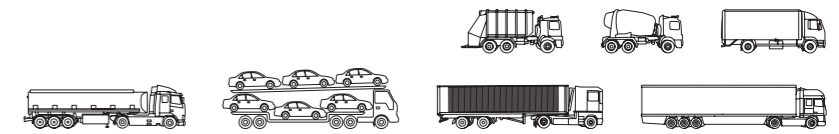
► Drive

- Special convex block design for excellent life
- Superior wet performance

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	154/150M (156/150L)	-	T	825	1098	314	9.00
315/70R22.5	152/148M (154/150L)	16	T	850	1036	314	9.00
315/60R22.5	152/148L	16	T	900	969	308	9.75
305/70R22.5	150/148M (152/148L)	16	T	870	1019	303	9.00
295/80R22.5	152/148M	-	T	850	1069	297	9.00
295/60R22.5	150/147L	-	T	900	925	297	9.00
275/70R22.5	148/145M	16	T	900	977	264	8.25
13R22.5	156/150L	-	T	875	1141	316	9.75
12R22.5	152/148L	16	T	850	1101	296	9.00
11R22.5	148/145L	16	T	800	1066	275	8.25
11.00R20	150/146K	16	TT	840	1093	291	8.00V
10.00R20	146/143K	16	TT	830	1067	276	7.50V
305/70R19.5	148/145M	18	T	860	931	302	9.00
285/70R19.5	145/143M	16	T	850	898	270	8.25
265/70R19.5	140/138M	14	T	740	874	252	7.50
245/70R19.5	136/134M	14	T	775	848	242	7.50
245/70R19.5	-	16	T	830	848	242	7.50
225/70R19.5	-	12	T	660	826	216	6.00
265/70R17.5	138/136M	14	T	775	826	258	7.50
245/70R17.5	136/134M	16	T	850	805	245	7.50



M798 Highway / Regional



► Drive

- Longer mileage and higher retreadability
- Irregular wear resistance for more even wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	154/150M (156/150L)	18	T	840	1092	314	9.00
295/80R22.5	152/148M	-	T	850	1065	297	9.00
12R22.5	152/149L	16	T	850	1101	296	9.00
11R22.5	148/145L	-	T	800	1066	275	8.25
12.00R20	154/150K	18	TT	850	1124	308	8.50V
11.00R20	150/146K	16	TT	840	1093	291	8.00V
245/70R19.5	136/134M	-	T	825	846	242	7.50



M789 Highway / Regional Mild Off



► All Position

- Longer tyre life
- Excellent resistance to wear, cut and chip

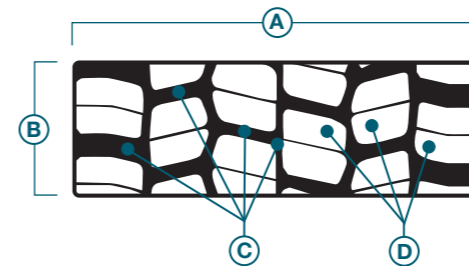
SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11.00R20	150/146K	16	TT	825	1082	291	8.00V
10.00R20	146/142K	16	TT	800	1058	272	7.50V
9.00R20	140/137K	14	TT	725	1025	256	7.00T



TT: Tube Type T: Tubeless Type

TECHNICAL FEATURES

- Superior wear life performance
 - (A) - Wider tread width + deep grooves.
- Superior traction & brake performance
 - (B) - Aggressive block pattern & adjusted pitches of blocks.
- Optimized irregular wear resistance
 - (C) - Optimized shape of tie-bars.
- Optimized block tear resistance
 - (D) - Optimized block shapes (Diamond cut).



Wear Appearance

Pattern	New	→	Worn out
M718		→	
M798		→	

TRUCKS & BUSES

Highway / Regional

MILD OFF

Mild Off

BIAS E-MILER LONG SERVICE (EMLS)

Highway / Regional
Mild Off

All Position

- Wide tread and round shoulder to provide long tyre life
- Excellent heat durability ensured by special heat-resistant base tread compound

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11.00-20	-	16	TT	725	1092	297	8.00V
10.00-20	146/142J	16	TT	790	1069	285	7.50V
9.00-20	-	14	TT	705	1030	267	7.00T



BIAS E-MILER SUPER (EMS)

Highway / Regional
Mild Off

All Position

- 4 rib zig zag pattern to prevent vehicle from slipping
- Strong casting and bead
- Good heat durability and good retreadability

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11.00-20	149/145J	16	TT	775	1094	300	8.00V
10.00-20	-	16	TT	775	1074	280	7.00V
9.00-20	-	14	TT	705	1027	267	7.00T



TT: Tube Type T: Tubeless Type

BIAS H-MILER (HMR)

Highway / Regional
Mild Off

All Position

- City and highway middle-range operations
- Provides excellent heat resistance and tolerance to high speed

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
9.00-20	-	14	TT	705	1015	260	7.00T
9.00-20	-	12	TT	595	1015	260	7.00T
8.25-20	-	14	TT	740	975	235	6.50T
8.25-20	-	12	TT	630	975	235	6.50T



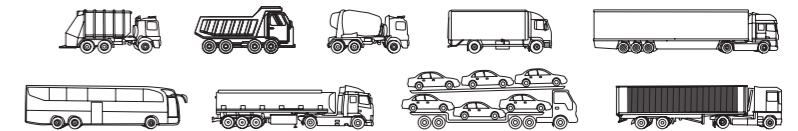
BIAS L-MILER (LM)

Highway / Regional
Mild Off

All Position

- Designed for highway use, L-Miler's rigid ribs, grooves and tread offer long serviceability.

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12.00-20	-	16	TT	650	1127	305	8.00V
12.00-20	-	14	TT	575	1127	305	8.00V
11.00-20	-	16	TT	630	1084	303	8.00V
11.00-20	-	14	TT	630	1084	303	8.00V
10.00-20	-	16	TT	630	1055	277	7.50V
10.00-20	-	14	TT	630	1055	277	7.50V



BIAS SUPER U-TRACTION (SUT)

Highway / Regional
Mild Off

All Position

- Designed for ON/OFF application
- Good heat durability and long tyre life

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
10.00-20	-	16	TT	740	1068	282	7.50V



TRUCKS & BUSES

MILD OFF

Mild Off

These tyres have been developed to withstand the harsh conditions of this application and feature excellent durability and a high resistance to cutting and chipping.

M748 Mild Off



► Drive

- Highly durable tread and casing compounds
- Excellent retreadability for extended lifespan
- Stone Ejectors to prevent drilling

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
445/65R22.5	169K	20	T	865	1169	452	14.00
425/65R22.5	164K	20	T	775	1139	420	12.25
385/65R22.5	160K (158L)	18	T	920	1088	378	11.75
385/65R22.5	160K	20	T	920	1088	378	11.75
385/55R22.5	162J	-	T	900	1013	384	12.25



M810 Mild Off



► All Position

- Good traction
- Irregular wear resistance

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
315/80R22.5	156/153J	-	T	900	1084	308	9.00
295/80R22.5	153/150J	-	T	900	1056	302	9.00
295/70R22.5	151/148J	-	T	900	992	287	9.00
275/80R22.5	151/148J	-	T	900	1024	275	8.25
275/70R22.5	148/145J	-	T	900	968	265	8.25
265/60R22.5	143/140J	-	T	900	894	256	8.25
255/80R22.5	145/142J	-	T	800	985	252	7.50
255/70R22.5	143/140J	-	T	900	934	235	7.50
235/70R22.5	138/135J	-	T	800	908	233	6.75
11/70R22.5	-	14	T	800	968	265	8.25
11R22.5	-	14	T	700	1055	275	8.25
11R22.5	-	16	T	800	1055	275	8.25
10R22.5	-	14	T	725	1020	252	7.50
9R22.5	-	14	T	725	978	228	6.75
12.00R20	-	18	TT	775	1125	314	8.50V
11.00R20	-	14	TT	725	1083	291	8.00V
11.00R20	-	16	TT	775	1083	291	8.00V
10.00R20	-	14	TT	725	1055	272	7.50V
9.00R20	-	14	TT	725	1020	253	7.00T
8.25R20	-	14	TT	725	971	229	6.50T
11.1R20	-	16	TT	750	1055	274	7.50V
265/70R19.5	140/138 J	-	T	850	875	252	7.50
245/70R19.5	136/134 J	-	T	850	846	234	7.50
225/70R19.5	130/128 J	-	T	850	815	220	6.75
9R19.5	-	14	T	725	888	228	6.75
7.50R18	-	14	TT	775	883	208	6.00S
225/90R17.5	127/125 L	-	T	700	861	228	6.75
225/80R17.5	123/122 L	-	T	700	810	203	6.75
215/70R17.5	123/121 J	-	T	775	753	209	6.00



TT: Tube Type T: Tubeless Type

TRUCKS & BUSES

Mild Off

OFF

Off

M840

Mild Off
Off



► All Position

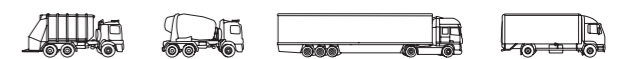
- Features special construction and material for excellent resistance to cut and chip
- High casing durability and retreadability

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
325/95R24	162/160K	-	T	850	1214	317	9.00
12.00R24	160/156F	20	TT	770	1222	307	8.50V
12.00R24	160/156F	-	TT	770	1222	307	8.50V
12.00R24	156/153K	18	TT	770	1222	307	8.50V
315/80R22.5	156/150K (154/150M)	-	T	850	1093	310	9.00
295/80R22.5	152/148K (150/145L)	-	T	850	1062	301	9.00
275/70R22.5	148/145K	16	T	890	976	275	8.25
275/70R22.5	-	18	T	900	976	275	8.25
13R22.5	154/150K (156/150G)	18	T	850	1131	316	9.75
12R22.5	152/148K (150/145L)	16	T	865	1093	294	9.00
11R22.5	148/145K (145/142L)	16	T	870	1065	275	8.25
10R22.5	144/142K	14	T	850	1024	254	7.50
9R22.5	133/131L	14	T	775	983	228	6.75
12.00R20	154/150K	18	TT	775	1126	308	8.50V
11.00R20	150/146K	16	TT	815	1110	292	8.00V
10.00R20	146/143K	16	TT	775	1076	280	7.50V
265/70R19.5	143/141J	18	T	865	879	250	7.50
265/70R19.5	140/138L	-	T	865	881	250	7.50
10R17.5	143/141J	18	T	850	869	245	7.50



M857

Mild Off
Off



► All Position

- High resistance to cuts and stone damage
- Good traction in slippery off road conditions

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12.00R24	156/153K	18	TT	770	1206	302	8.50V
11.00R24	-	16	TT	775	1187	291	8.00V
315/80R22.5	156/153J	18	T	820	1083	307	9.00
255/70R22.5	-	16	T	820	934	250	7.50
13R22.5	154/150K	18	T	850	1129	316	9.75
12R22.5	152/148K (150/145L)	16	T	850	1086	294	9.00
11R22.5	148/145K (146/144L)	16	T	775	1057	274	8.25
10R22.5	140/137K	14	T	725	1026	252	7.50
12.00R20	154/150K	18	TT	775	1122	308	8.50V
11.00R20	150/146K	16	TT	775	1086	291	8.00V
10.00R20	146/143K	16	TT	775	1056	272	7.50V
9.00R20	140/137K	14	TT	740	1024	256	7.00T
8.25R20	133/131K	14	TT	775	974	230	6.50T
8.25R15	143/141L	18	TT	850	845	230	6.5



BIAS SUPER U-LUG PREMIUM (SULP)

Mild Off
Off

► Drive

- Robust shoulders & wide tread offer outstanding durability and long tyre life
- Offers maximised traction for both on and off road use

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12.00-20	-	18	TT	700	1140	324	8.50V
12.00-20	149/148J	18	TT	700	1131	312	8.50V
11.00-20	149/145J	16	TT	725	1105	304	8.00V
10.00-20	146/143J	16	TT	750	1065	283	7.50V
9.00-20	139/137J	14	TT	675	1020	257	7.00T
8.25-20	-	14	TT	790	1010	250	6.50T



TT: Tube Type T: Tubeless Type



TRUCKS & BUSES

OFF

OFF

These tyres are made to withstand the punishing conditions of a major building site. These tyres offer formidable resistance to chipping, cutting and bruising.

L301 Off

► Drive

- High cut-chip resistance
- High traction
- Exceptional performance on loose / soft surfaces

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12R22.5	152/147K	16	T	815	1092	294	9.00
11R22.5	146/144L	16	T	775	1062	272	8.25
12.00R20	154/150K	18	TT	775	1126	308	8.50V
11.00R20	150/145J	16	TT	775	1092	293	8.00V
10.00R20	146/143L	16	TT	775	1064	272	7.50V
9.00R20	140/137K	14	TT	790	1031	253	7.00T

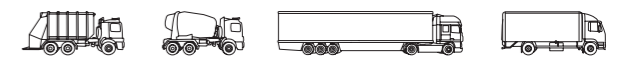


L355 Off

► Drive

- Robust tread pattern and high traction on rough surfaces
- Extra deep tread for extended lifespan
- High resistance to cutting and chipping

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
325/95R24	162/160G	-	T	770	1227	314	9.00
12.00R24	160/156F	20	TT	770	1227	310	8.50V
12.00R24	160/156F	-	TT	770	1227	310	8.50V
12.00R24	156/153G	18	TT	770	1227	310	8.50V
315/80R22.5	156/150K (154/150M)	-	T	850	1102	307	9.00
13R22.5	154/150K (156/150G)	18	T	850	1151	314	9.75
12R22.5	152/148G	16	T	850	1104	292	9.00
11R22.5	148/145G	16	T	775	1074	272	8.25
12.00R20	154/150K	18	TT	775	1133	308	8.50V
11.00R20	150/146G	16	TT	775	1118	294	8.00V



L317 Off

► Drive

- Features special construction and material for excellent resistance to cut & chip
- Extra deep tread for long life and superior traction

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
325/95R24	162/160G	-	T	770	1238	314	9.00
12.00R24	-	18	TT	770	1254	319	8.50V
13R22.5	154/150G	18	T	850	1150	314	9.75
12R22.5	152/148G	16	T	815	1109	292	9.00
11R22.5	146/143J	16	T	800	1074	272	8.25
12.00R20	154/150G	18	TT	775	1146	308	8.50V
11.00R20	150/146G	16	TT	775	1107	290	8.00V
10.00R20	146/143G	16	TT	775	1076	270	7.50V



TT: Tube Type T: Tubeless Type

V-STEEL E TRACTION (VETZ) ■ Off

► Drive

The VET is an all position tire designed for all terrain multi-purpose use. Its special tread design increases grip and traction on mud, snow, gravel and sand. Strong, flexible belts ensure reliable performance and durability.

- High traction
- Exceptional performance on loose / soft surfaces

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
13.00R20	164F	20	T	760	1142	368	10.00V



BIAS U-LUG (UL) ■ Off

► Drive

- Heavy duty tyres designed for use on general purpose trucks and buses

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
11.00-20	-	16	TT	740	1092	297	8.00V
10.00-20	146/142J	16	TT	700	1052	280	7.50V
10.00-20	-	14	TT	630	1052	280	7.50V
9.00-20	-	14	TT	705	1020	262	7.00T



V-STEEL JAMAL (VSJA) ■ Off

► Drive

An all position all terrain tire for use on asphalt roads as well as on hard or soft sand. VSJA offers superior flotation on sand use.

- Longer mileage and higher retreadability
- Irregular wear resistance for more even wear

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
14.00R20	-	22	T	750	1234	374	10.00WI
14.00R20	-	-	TT	750	1234	373	10.00WI
12.00R20	154/150K	18	TT	775	1116	302	8.50V
10.00R20	146/143J	16	TT	815	1048	272	7.50V



BIAS V-LUG (VLGN) ■ Off

► Drive

- Improved shape that prevents stone retention & cracking
- Effective performance on gravel roads & logging operations
- Strong traction by directional pattern design

SIZE	LI/SS	PR	TYPE	IP (KPA)	OVERALL DIAMETER (MM)	OVERALL WIDTH (MM)	RECOMMENDED RIM
12.00-24	-	18	TT	745	1237	319	8.50V
12.00-20	149/148J	18	TT	775	1132	312	8.50V
11.00-20	-	16	TT	740	1115	303	8.00V
11.00-20	-	18	TT	740	1109	298	8.00V
10.00-20	-	16	TT	740	1070	285	7.50V
9.00-20	-	14	TT	705	1036	267	7.00T



TT: Tube Type T: Tubeless Type

TRUCKS & BUSES

Retread

SAVE. SAFE. SAVE

BRIDGESTONE BANDAG IS ALL ABOUT SAVING AND SAFETY

Retreading tyres offer drivers the best way to save, yet still stay safe. Committed to bringing all the benefits of this technology to our customers, Bridgestone has acquired the industry leader Bandag inc in May 2007. Taking on the name of Bridgestone Bandag (BSBD), this new company has quickly moved to promote the idea of retreading to customers worldwide.

Tyre Retreading Process



1 STEP
Inspection process after tyre received



2 STEP
NDT (non-destructive testing) inspection process



3 STEP
Laser inspection process



4 STEP
The buffing process



5 STEP
The repair process



6 STEP
Application of cushion gum



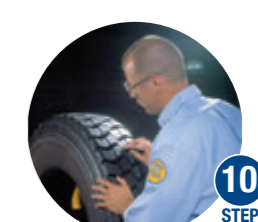
7 STEP
Precured tread application process



8 STEP
The envelop process



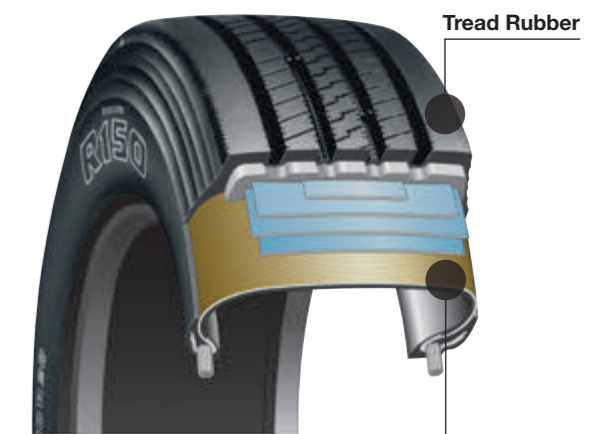
9 STEP
Curing process



10 STEP
Final inspection

WHAT IS A RETREAD TYRE?

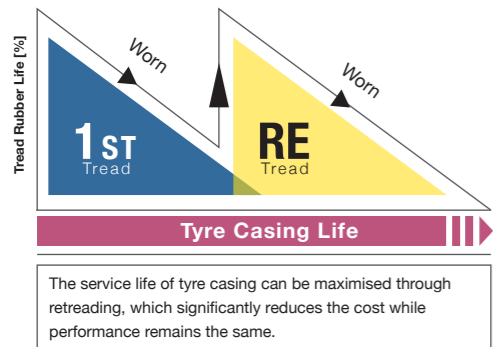
When a tyre has exhausted its intended service life, the worn tread surface is removed and a fresh new tread is attached. This enables the tyre to be reused instead of being scrapped, thus extending its usable life.



Even after the tread is worn, the tyre casing is still in good useable condition with proper tyre maintenance during its first service life.

TRUCKS & BUSES

Retread




LOWER COSTS


Even when the main treads have worn out, tyre casings are usually still in good condition and can continue to be used if retreaded. This stretches your investment dollar and cuts your operating costs without affecting performance or safety.


GREATER SAFETY

Nothing matters to us as much as your safety, which is why out of the 10 steps necessary in the retread process, four steps are all focused on inspecting the used tyre to ensure it is right for retreading. The process itself ends in a stringent final inspection, but our commitment does not end there. Customers enjoy regular after-sales safety inspection, maintenance and even consultancy.


INSPECTING USED TYRE TO ENSURE SUITABILITY FOR RETREADING

- 

Inspection Process After Tyre Received
First the entire tyre casing is checked visually and by touch. Any visible defects are marked.
- 

NDT (Non-Destructive Testing) Inspection Process
The NDT process is used to inspect the internal parts of the tyre. Any nail holes or punctures in the tyre casing are marked for repair.
- 

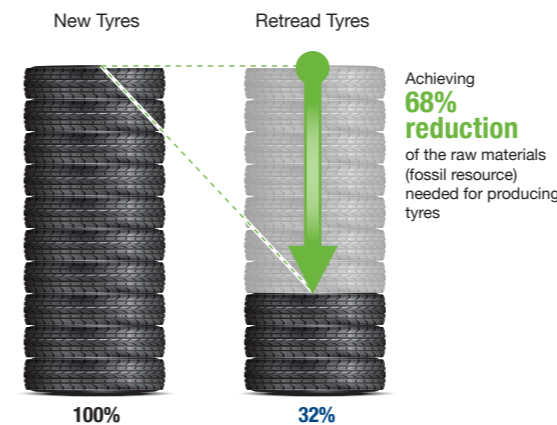
Laser Inspection Process
The tyre is placed in a machine in which a vacuum has been created. The tyre is exposed to a laser beam to check for internal defects. Any abnormalities found are shown on a display screen.

After the first three tests have been completed, a trained inspector decides whether or not to go ahead with retreading. The decision is based on the tyre's condition and Bandag specifications.
- 

Final Inspection
Each cured tyre is thoroughly inspected to verify that there are no problems.

MORE ECO-FRIENDLY

Retread tyres require only 32% of the petroleum needed to make new tyres, and less than 1/2 of the rubber. By greatly reducing CO₂ emission and industrial waste generated in the production process, Bridgestone Bandag is actively contributing to a cleaner environment.



REDUCTION OF CO₂ EMISSION LEVELS DURING PRODUCTION AND UPON DISPOSAL

	1st Tyre	2nd Tyre	CO ₂ Emission
1	New tyre → Scrap	New tyre → Scrap	New Tyre 2 times CO ₂ + Scrap Tyre 2 times CO ₂
2	New tyre → Recycle Tyre Casing	Retread Tyre → Scrap	New Tyre 1 time + Retread + Scrap Tyre 1 time CO ₂
1 - 2 =			165kg - CO ₂

“ Our American Customers’ Voice: **Bandag WORKS!** ”

Mr Gary Van Blaricom, Eastern Iowa Tires, Inc
“Bandag’s appeal is offering generous support.”

The friendly support services of Bandag in management, technology and sales have helped us immensely. In particular, their help desk’s response to our problems has been splendid. They have always delivered prompt assistance that helped us resolve urgent problems.

Mr Michael Gerdin, Heartland Express, Inc.
“Nothing is more important to us than the quality of our tyres.”

Quality is our most important consideration when it comes to new tyres or retreads, and we only use the products of companies we trust...We send out about 400 to 500 tyres a week to Bandag dealers to get them retreaded and delivered back to us. They always deliver high-quality products to us right on schedule. We have great faith in them.

Mr Murray Fitzer, Florilli Transportation
“The Bandag dealer network throughout America keeps us going.”

Cost is our most important consideration when we buy tyres...That is why we only buy Bridgestone tyres. Their casings are always high performance. We normally retread tyres... We always use Bandag dealerships because of their reliable products and the ample knowledge of their sales personnel.

TRUCKS & BUSES

Retread



3mm TREAD DEPTH

What's so Important about 3mm Tread Depth?

Tyres with at least 3mm of tread depth might still be used for a short period before they are totally worn out. But if we remove tyres with at least 3mm tread depth and send them for retreading, they might be able to offer more mileage and provide better CPK (Cost Per Kilometre). So it's better to retread a tyre when it has at least 3mm tread left, than to use it until it is totally worn out.



3mm tread left

3mm



3x TYRE LIFE!

What is 3x Tyre Life?

If you remove a tyre with at least 3mm tread depth and send them for retreading, you can achieve up to 3 TIMES the life*. The casings of these tyres will not be damaged due to exposure of steel belt for Truck/Bus Radial Tyres, reducing the possibility of rust and dirt which may cause belt separation in radial tyres.

* Above mileage data is for illustration purpose and is based on OTD=17mm for new and retread tyre. Actual mileage may differ depending on applications & mounting positions.

Assuming retread wear = 4,200km/mm

*Casing retreadability depends on how well maintained the tyre is during operating conditions, such as proper inflation pressure, regular tyre checks, etc.

+ Assuming Total Wear Out is 17mm.



EASY TO WORK HARD

**IF ONLY
EVERYONE,
OR EVERYTHING
WORKED
THIS HARD**

Ever wished you had a worker who could work day or night, in rain or shine, and never complained? Stop and take a look under your vehicles. For decades, Bridgestone has been the closest partner to the industrial segment, bearing the weight of the endless parade of trucks, trailers, forklifts, construction and mining machineries that roll on to build a better, stronger world. Hard work? Not at all!

JL

J-LUG / J-LUG 2

- Designed for forklifts, trucks, shovel loaders and tractors
- Highly resistant to punctures

TYRE SIZE	PR	TYPE	TYRE SIZE	PR	TYPE
9.00-20	14	TT	250-15	16	TT
7.50-16	12	TT	7.00-12	12	TT
32X12.1-15	20	TT	4.50-12	8	TT
28X9-15	12	TT	6.50-10	12	TT
28X8-15	12	TT	6.50-10	10	TT
8.25-15	14	TT	21X8-9	14	TT
8.25-15	12	TT	21X8-9	10	TT
7.50-15	12	TT	6.00-9	10	TT
7.00-15	12	TT	5.00-8	10	TT
6.00-15	10	TT	5.00-8	8	TT
5.50-15	8	TT			
300-15	18	TT	*18X7-8	10	TT

*JL2



TT: Tube Type T: Tubeless Type

PJL

These puncnon tyres are “fully rubber compound filled”; no need to inflate air. It offers no puncture-trouble and sustains excellent wear on all kinds of surfaces.

TYRE SIZE	PR	TYPE
10.00-20	-	S
9.00-20	-	S
8.25-20	-	S
7.50-20	-	S
28X9-15	-	S
7.50-15	-	S
8.25-12	-	S
7.00-12	-	S
6.50-10	-	S
6.00-9	-	S

PUNCNON J-LUG



RL

- Designed for heavy-duty straddle carriers and mobile cranes
- Offers excellent wear, cut and puncture resistance as well as strong traction on loose surfaces

TYRE SIZE	PR	TYPE
29.5-29	40	TT
21.00-25	36	TT
18.00-25	36	TT
12.00-24	20	TT
13.00-24	18	T
11.00-20	16	T

R-LUG



PL01

- Designed for forklift tyre
- Fully rubber compound filled
- No need to inflate
- Resistant to puncture and excellent wear on all kinds of surfaces
- Made of special coloured rubber compound for durability and comfort
- Suitable for clean sites, for instance food, medicine, textile industries (CW and CG only)

TYRE SIZE	PR	TYPE	TYRE SIZE	PR	TYPE
7.50-16	-	S	23X9-10	-	S
28X9-15	-	S	6.50-10	-	S
8.25-15	-	S	21X8-9	-	CWS
7.00-15	-	S	6.00-9	-	S
6.00-15	-	S	15X4 1/2-8	-	S
5.50-15	-	S	18X7-8	-	S
300-15	-	S	5.00-8	-	S
250-15	-	S	4.00-8	-	S
7.00-12	-	S	3.50-5	-	S
4.50-12	-	S			

CW: White

PUNCNON LUG 01



TT: Tube Type T: Tubeless Type

UL

- Designed for industrial vehicles, trucks, tractors, forklifts and shovel loaders

TYRE SIZE	PR	TYPE
12.00-24	16	TT
13.00-20	20	TT
12.00-20	20	TT
11.00-20	18	TT
11.00-20	16	TT
7.50-20	12	TT
7.00-20	10	TT
9.00-16	14	TT
8.25-15	14	TT
8.25-15	12	TT
8.25-12	12	TT
7.00-12	12	TT
4.50-12	8	TT
6.50-10	10	TT
6.00-9	10	TT
5.00-8	8	TT
4.00-8	6	TT
3.50-5	6	TT

U-LUG



YS

- Designed for straddle carriers and large trailers
- Features excellent wear resistance, stability and maneuverability

TYRE SIZE	PR	TYPE
13.00-20	20	TT
12.00-20	18	TT
12.00-20	16	TT
10.00-20	14	TT

YARD SERVICE



YS2

- Specially designed for straddle carriers
- Delivers excellent wear resistance for long serviceability as well as good traction and braking
- Wear indicators inserted around the tread's circumference allow for easy measuring of the tread depth in any position

TYRE SIZE	PR	TYPE
16.00-25	28	TT
16.00-25	28	TT
14.00-24	24	TT

YARD SERVICE 2



TT: Tube Type T: Tubeless Type

PASSENGER VEHICLE TYRE CARE + GUIDE



KNOW YOUR TYRES

A car simply is not going to go anywhere without tyres, yet tyres are often the most neglected parts of a car. Choosing a good tyre, and keeping it in good shape is critical to your safety on the road. You will be helping yourself in a big way by taking a little time to understand tyres, and how to keep them in good working order.

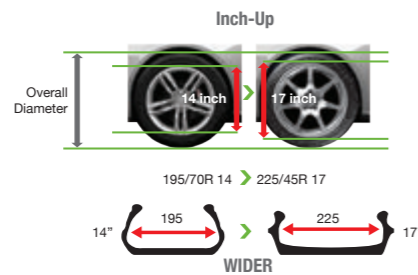
Upsizing Your Tyres

Wider tyres not only make for better performance, but provide a more sporty look. But before you go ahead and upsize, take note of some important pointers. The replacement tyre you choose must keep the overall diameter, and exhibit the same or higher Speed Symbol (SS) / Load Index (LI) of the original tyre as far as possible.

An allowance of + or - 3% of the original is considered acceptable. This is to ensure your speedometer remains accurate, and to prevent the damage that can be inflicted on an oversized tyre when it rubs against the wheel arch as your car turns.

Upsizing In 3 Easy Steps:

1. Maintain overall diameter (+/- 3%).
2. Keep to the same, or choose a higher LI and SS.
3. Check for wheel arch clearance.



How to Read Tyre Markings

Understanding universal tyre markings can help you to know a tyre better and also to choose a suitable one when the need arises*:

1. **255**: Width in mm of the tyre from sidewall to sidewall.
2. **45**: Aspect ratio or Series. Indicates the height of tyre sidewall measured as a percentage of its width. 45 or simply 45 Series would be 45% of 255mm (+114.75mm).
3. **R**: Radial construction, the most common among passenger car tyres today.
4. **18**: Diameter in inches of the rim that the tyre is designed to fit on.
5. **103**: Load Index (LI) indicating the maximum load the tyre is designed to withstand. A 103 LI indicates a maximum load of 875kg.
6. **W**: Speed Symbol (SS). All tyres have this speed rating letter including maximum speed the tyre can sustain without losing control or bursting. "W" is common, with "V" and "Z" indicating high speed performance.

Functions Of A Tyre

Tyres serve four important functions:

1. Support vehicle weight
2. Absorb road shocks
3. Change and maintain direction of travel
4. Transfer traction and braking forces to the road surface



Note: A tyre with "XL" marking indicates Extra Load that allows a higher inflation pressure than a standard load tyre which increases the maximum load. *Please refer to the Load Index and Speed Symbol charts.

KEEP THAT TYRE ROLLING

Considering how important tyres are for a smooth and safe drive, it is surprising just how quick and it is easy to care for your tyres. By following our tyre care tips, and conducting simple regular checks, you will not just save time and money, but more importantly, stay safe on the road.

Safety

Tyres that are not correctly inflated and/or worn out will affect the braking distance of a vehicle.

Comfort

Over-inflated tyres causes bumpy rides, while under-inflated tyres make the ride too soft and steering heavy.

Economy

Incorrect inflation can affect fuel consumption and stress the steering system.

Handling

Incorrectly-inflated tyres or uneven tyre pressures can seriously affect handling, making it difficult or even impossible to drive in a straight line or steer around corners.

TYRE CARE MADE SIMPLE

DO A DAILY VISUAL CHECK

1. Check that all tyres have about the same inflation pressure.
2. Check the sidewalls for cracks or unusual bulges.
3. Check for and remove any foreign objects (e.g. stones or nails) that could puncture your tyre.

DO A MONTHLY TYRE PRESSURE CHECK

1. Use a proper tyre gauge to measure tyre pressure.
2. Check pressure and inflate only when the tyres are cold (a hot tyre will show inaccurate reading due to inflation).
3. It takes as long as 4 hours for a tyre to cool down so it's best to check tyre pressure first thing in the morning.
4. Your vehicle tyre pressure chart can usually be found on the driver's door frame.
5. Don't forget to also inflate your spare tyre.

CHECK FOR IRREGULAR WEAR

This is when one section of the tyre is more worn than the rest and occurs when:

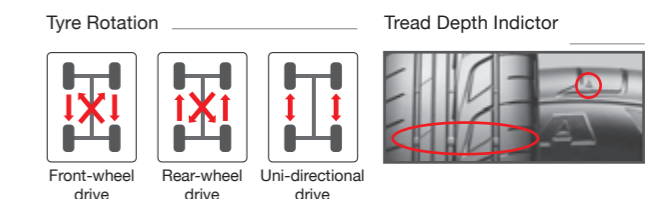
1. Tyres are not uniformly inflated.
2. Tyres are not balanced.
3. Wheels are out of alignment.

ROTATE TYRES EVERY 5,000KM

1. Visit a reputable tyre shop or garage for tyre rotation.
2. Check your owner's handbook for rotating sequence.
3. Have your tyres balanced at the same time.

CHECK THE TREAD DEPTH INDICATOR

1. All tyres come with a tread depth indicator. (see diagram)
2. When the indicator is flushed with the rest of the tread (usually about 1.6mm), it is time to change the tyre.



CHECK THE WHEEL ALIGNMENT

1. Misaligned wheels cause tyres to wear more quickly and irregularly, and prevents the vehicle from running or braking in a straight line. The suspension and steering components will also be subjected to extra stress.
2. It is a good idea to have your wheels aligned by a computerised alignment machine. A reputable workshop should have the wheel alignment specifications of your vehicle model, overall diameter, and exhibit the same or higher Speed Symbol (SS)/Load Index (LI) of the original tyre as far as possible.

UNSAFE TREAD DEPTH

Ensure that tyres have more than 1.6mm of tread.

Most new tyres have about 8mm of tread when manufactured, but as a tyre wears, their ability to disperse water reduces. Tyres should be replaced before the tread wears down to the level of the Tread Wear Indicator.

The Tread Wear Indicators are moulded into all major grooves of tyres in at least four positions around the tyre. These indicators sit at least 1.6mm above the bottom of the grooves.

If you are unsure of how to read your tread depth correctly, visit your nearest Bridgestone stockist.



LIST OF TYRE FOR ASSEMBLY



TECHNICAL SPECIFICATIONS INDEX

List of Tyre for Assembly

Tyre Valves for Automobiles

Valves

Definition of Letters

Passenger Car Conversion Chart

Sports Utility Vehicle Conversion Chart

Light Truck & Van Conversion Chart, Approved Rim Width,
Recommended Inflation Pressure

Heavy Truck & Bus Conversion Chart, Approved Rim Width,
Recommended Inflation Pressure

TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	
PSR, PXR					LT195 R15	JS-75	650/195-R15		825 R15	V3-02-7	750/825A R15	
6.40 R14	PC640 R14	TR-13		215 R15	15G	TR-13			825 R15	V3-02-9	750/825A R15	
245/85 R16	PC245/85 R16	JS-75		205 R16	16E	JS-75			825 R15	V3-06-3	750/825A R15	
	PC245/85 R16	JS-75	205C700-R16		16E	JS-75	205/650/700 R16		825 R15	TR-175A	750/825A R15	
145SR13	13A	TR-13			16F	TR-13		10.00 R15	1000-R15	TR-78A		
165SR13	13E	TR-13			16F	TR-13	205C700 R16		1000-R15	TR-78A	200D1000-R15	
155SR14	14A	TR-13			16F	TR-15			1000-R15	V3-06-5		
185SR14	14H	TR-13		235/95 R15	LT235/95 R15C	JS-75			1000-R15	V3-06-5	200D1000-R15	
215SR15	15G	TR-13			LT235/95 R15C	JS-75	700A235/95 R15,C		9/10/11 R15	TR-444		
	PC215R15	TR-13		6.00 R15	15B	TR-15		7.00 R20	650/700 R20	PV-72	700A825-R20	
205 R16	16E	JS-75	205C700-R16		15K	JS-75		7.50 R20	750-R20	TR-177A	700A825-R20	
	16F	TR-13		6.50 R15	15E	TR-15		8.25 R20	825-R20	TR-77A		
155/80 R12	155-175/70 R12	TR-13			15D	JS-75	650/195-R15		825-R20	TR-77A	700A825-R20	
145/80 R13	13A	TR-13		7.00 R15	15D	JS-75	700A235/95 R15,C		825-R20	TR-175A	700A825-R20	
155/80 R13	13B	TR-13			15D	TR-76A	700A235/95 R15,C		825-R20	V3-06-3	700A825-R20	
	155B175/70 R13	TR-13			15E	TR-15		9.00 R20	900-20	TR-175A		
165/80 R13	13E	TR-13			15E	TR-15	700A235/95 R15,C		900-20	TR-175A	900A111-R20	
	155B175/70 R13	TR-13		7.50 R15	15E	TR-15			900-20	TR-175A	900/1000-R20	
175/80 R13	13E	TR-13			15F	JS-75	700A235/95 R15,C		900 R20	TR-463		
	175-185/70 R13	TR-13			15F	TR-76A	700A235/95 R15,C		900 R20	TR-174A	900A111 R20	
165/80 R14	165-185/70 R14	TR-13		6.50 R16	16E	TR-15			900 R20	TR-175A	900/1000-R20	
175/80 R14	14F	TR-13			16E	JS-75			900-R20	TR-78A	900A111-R20	
	175A195/70 R14	TR-13			16E	JS-75	205C700-R16		900-R20	TR-175A		
185/80 R14	14H	TR-13			16E	TR-76A			900-R20	TR-175A	900A111-R20	
	175A195/70 R14	TR-13			16E	TR-76A	205C700-R16		900 R20	TR-175A	900/1000-R20	
185/80 R15	185 R15	TR-13			16E	TR-177A			900 R20	V3-06-3		
215/80 R15	15G	TR-13			16E	TR-177A	205C700-R16		900 R20	V3-06-3	900A111 R20	
265/75 R15	15H	TR-13			16L	TR-15		10.00 R20	1000 R20	TR-464		
185/70 R13	13F	TR-13		7.00 R16	16E	JS-75			1000/111-R20	V3-04-6		
	175-185/70 R13	TR-13			16E	JS-75	205C700-R16		1000/111-R20	V3-06-5		
185/70 R14	14F	TR-13			16E	TR-76A	205C700-R16		1000/111 R20	TR-76A	900A111-R20	
	165-185/70 R14	TR-13			16E	TR-177A			1000/111-R20	TR-78A		
195/70 R14	14F	TR-13			16E	TR-177A	205C700-R16		1000/111-R20	TR-78A	1000-R20	
	14H	TR-13		7.50 R16	16G	JS-75	750/825-R16		1000/111 R20	TR-78A	900A111R20	
	175A195/70 R14	TR-13			16G	TR-77A	750/825-R16		1000/111-R20	TR-78A	900A111-R20	
205/70 R14	175A195/70 R14	TR-13			16G	TR-177A	750/825-R16		1000/111-R20	TR-78A	900/1000-R20	
235/70SR15	HR78/235/70 R15	TR-13				TR-15			1000/111-R20	V3-04-6	900A111-R20	
240/70 R16	16F	TR-13			LT750 R16	TR-15	750-R16		1000/111-R20	V3-06-5	900A111-R20	
275/70 R16	PC275/70 R16	TR-13			LT750 R16	TR-15	600B750-R16		1000/111 R20	TR-78A	900/1000-R20	
HR78-15	HR78/235/70 R15	TR-13			LT750 R16	TR-150	750-R16	11.00 R20	1100-20	TR-78A	1100B13/80-R20	
LVR, LSR, LYR, LXR					LT750 R16	JS-75	750/825-R16		1100-R20	V3-04-6		
155 R13	13B	TR-13		8.25 R16	16J	TR-77A	750/825-R16		1100-R20	V3-06-5		
175 R13	175-85/70 R13	TR-13			16J	TR-177A			1100-R20	TR-76A	1100B13/80-R20	
165 R14	14B	TR-13			16J	TR-177A	750/825-R16		1100-R20	TR-78A		
185 R4	14H	TR-13		31x10 50 R15	15H	TR-13			1100-R20	TR-78A	1100B13/80 R20	
	14H	TR-13	X-14	10 R15	15H	TR-13			1100-R20	V3-04-6	1100B13/80-R20	
195 R14	14H	TR-13		TBR, TXR						1100-R20	V3-06-1	1100B13/80-R20
	14H	TR-13	X-14	7.50 R15	750-R15	JS-75	750/825A R15		1100-R20	V3-06-5	1100B13/80-R20	
185 R15	15C	TR-15			750-R15	V3-06-2	750/825A R15	12.00 R20	1200-20	TR-78A	1100B13/80-R20	
195 R15	15C	TR-15			750-R15	V3-02-7	750/825A R15		1200-R20	TR-78A		
	15D	JS-75	650/195-R15	8.25 R15	8.25 R15	JS-75	750/825A R15		1200-R20	TR-78A	1100/1200 R20	

CONTINUED-->

LIST OF TYRE FOR ASSEMBLY



TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	TYRE SIZE	TUBE SIZE	VALVE NO.	FLAP SIZE	
	1200-R20	TR-78A	1100B13/80 R20		450/500/570-12	TR-13			1100-R20	TR-78A	1100B13/80-R20		149-26	149-26	TR-218A		5.50-16	550A7-16	TR-15	
	1200-R20	TR-78A	1100B13/80 R20	7.00-12	700-12	JS-75		12.00-20	1200-20	TR-78A	1100B13/80-R20		112-28	112/124-28	TR-15		6.00-16	600-16	TR-15	
	1200-R20	TR-179A			700-12	JS-75	700-12		1200-R20	TR-78A	1100B13/80-R20			112/124-28	TR-218A			550A7-16	TR-15	
	1200-R20	TR-179A	1100B13/80-R20		700-12	JS-75	700/825-12		1200-R20	TR-179A	1300A1600-R20			112/124-28	TR-15			700-15/600A-16	TR-218A	
	1200-R20	V3-06-5			700-R12	JS-75		13.00-20	1300-20	JS-179A	1300A1600-20			124-28	TR-15			6.50-16	650-16	
	1200-R20	V3-06-5	1100B13/80-R20	8.25-12	825-12	JS-75			1300-R20	TR-78A	1300A1600-20			136-28	136/149-28	TR-218A			7.50-16	750-16
14.00 R20	1300/1400 R20	V3-06-5		2.50-15	250-15	JS-75	200D1000-15		1300-R20	JS-179A	1300A1600-20			149-28	136/149-28	TR-218A			750-16	JS-75
	1300/1400 R20	V3-06-5	1400/14/80 R20		250-15	JS-75	200D1000-R15	12.00-24	1100/1200-24	TR-78A	1000A1200-24			169-28	169-28	TR-218A			750-16	TR-15
	1300/1400 R20	TR-179A	1400/14/80 R20		250-15	TR-77A	200D1000-15		1100/1200-R24	TR-77A	1000A1200-24			169-30	169/184-30	TR-218A			750/95-16	TR-15
	TUBELESS		S-20A		250-15	TR-77A	200D1000-R15		1100/1200-R24	TR-77A	1100B1300-R24			184-30	169/184-30	TR-218A			10.00-16	1000-16
11.00 R22	1100 R22	TR-78A	1000A1200-R22	3.00-15	300/32X121-R15	TR-77A	200D1000-15		1100/1200-R24	TR-78A	1000A1200-24			124-32	124-32	TR-15			11.00-16	1100A136-16
	1100 R22	V3-04-6			300/32X121-R15	TR-77A	200D1000-R15		1100/1200-R24	TR-78A	1100B1300-R24			124-32	124-32	TR-218A			2.50-17	225/250-17
	1100 R22	V3-04-6	1000A1200-R22		300/32X121-R15	TR-78A		13.00-24	1300-24	TR-77A	1300/1400-24,25			169-34	169/184-34	TR-218A			3.00-17	275/300-17
11.00 R24	1100/1200-R24	TR-78A	1100A1300-R24		300/32X121-R15	TR-78A	200D1000-15		1300-24	JS-179A	1300/1400-24,25			169-34	169/184-34	TR-218A			2.50-18	250-18
12.00R24	1100/1200 R24	TR-78A	1100A1300 R24		300/32X121-R15	TR-78A	200D1000-R15	14.00-24	1400-24,25	JS-179A	1300/1400-24,25			184-34	169/184-34	TR-218A			4.00-18	400-18
	1100/1200 R24	TR-78A	1100B1300-R24	7.00-15	700-15/600A-16	JS-75			1400-24,25	TR-175A	1300/1400-24,25			124-36	124-36	TR-218A			6.00-18	600/8-18
	1100/1200 R24	V3-06-5	1100/1200-R24		700-15/600A-16	JS-75	700A235/95 R15,C	14.00-25	1400-24,25	JS-177B	1300/1400-24,25			139-36	169-34S/139-36	TR-218A			7.50-18	750/95-18
	1100/1200 R24	TR-78A	1100B1300-R24	7.50-15	15F	JS-75	700A235/95 R15,C		1400-24,25	JS-179A	1300/1400-24,25			136-38	136A155-38	TR-218A			4.00-19	400/440-19
	1100/1200 R24	V3-06-5	1100B1300-R24		750-R15	JS-75			TUBELESS		P-25B			149-38	136A155-38	TR-218A			6.00-19	500A-19/72-20
205/80 R15	205/80 R15	V3-02-8	750/825A R15		750-R15	JS-75	750-15		TUBELESS		P-25AX			155-38	136A155-38	TR-218A			7.50-20	750-20
IDS, IXS					750-R15	JS-75	700A235/95 R15,C	16.00-25	1600-R24,25	JSJ-1175	1400/1600-24,25			169-38	169/184-38	TR-218A			4.40-21	440/500A-21
3.50-5	350-5	TR-87		8.25-15	825-15	JS-75	200D1000-15		TUBELESS		P-25B			184-38	169/184-38	TR-218A			3.00-23	300-23
	350-5	TR-87			825-15	JS-75	200D1000-R15	18.00-25	1800-24,25	JSJ-1175	155A1800-24,25			3.00-26	300-26	TR-4S			3.00-26	300-26
4.00-8	400-8	SJS-244A			825-15	TR-77A			TUBELESS		P-25B			95-20	83/95-20	TR-15			475/65 D20	149/475/65-20
	400-8	JS-244A	400A15X41/2-8		825-15	TR-77A	825-15	21.00-25	TUBELESS		P-25B				83/95-20	TR-218A			212/80 D15	95-14/B-15
	400-8	TR-13			825-15	TR-77A	200D1000-15	24.00-29	TUBELESS		P-29B			83-22	83-R22	TR-15			355/80 D20	355/80-20
	400-8	TR-13	400A15X41/2-8		825-15	TR-77A	200D1000-R15		315/80 D20	TR-78A	315/345/80-20				83-R22	TR-218A			124/11-28	124/11-28
	400-8	TR-87	400A15X41/2-8		825-15	JS-75	825-15	15X41/2-8	15X41/2-8	JS-87B	400A15X41/2-8			95-22	95-R20,22	TR-15			169/14-30	169/14-30
5.00-8	500-8	JS-2	500-8		825 R15	JS-75	200D1000-R15	18X7-8	18X7-8	JS-75	18X7-8				95-R20,22	TR-218A			184/15-30	169/184-30
	500-8	JS-2	400A15X41/2-8		825 R15	JS-75	200D1000-15		18X7-8	PV-43	18X7-8			72-24	72/83-24	TR-15			184/15-34	184/15-34
	500-R8	JS-2		7.50-16	750-16	JS-75	750/825-R16	21X8-9	21X8-9	PV-43					72/83-24	TR-218A			169/184-30	TR-218A
	500-R8	JS-2	400A15X41/2-8		750T-16	TR-177A		28X9-15	28X8A/815-R15	TR-77A				83-24	72/83-24	TR-15			100/80-12	100/80-12
5.00-9	A-8/500/600-R9	JS-2(S)	500/600-9		750T-16	TR-177A	750/825-R16	AGP							72/83-24	TR-218A				
6.00-9	600-9	JS-2	600-9	9.00-16	900-16	JS-177B	900/1050-16	16X450-9	16X450-9	TR-13				95-24	95-24S/95-R24	TR-15			4.00-9	400-9
	500/600-9	JS-2		7.00-20	650/700-20	TR-177A	700A825-R20	18X700-8	TUBELESS		F-8P-H				95A-R24/112-24S	TR-15			4.00-10	400-10
	500/600-9	JS-2	600-9	7.50-20	750-20	TR-177A	700A825-R20	19X800-10	19X800-10	JS-2					95A-R24/112-24S	TR-218A				350/400-10
	500/600-9	JS-2	500/600-9	8.25-20	825-20	JS-75	700A825-R20		TUBELESS		F-10P-H			124-16	1100A136-16	TR-218A			4.50-10	450-10
	A-8/500/60-R9	JS-2(S)			825-20	TR-77A	700A825-R20	20X800-10	21X7/20X800-10	JS-2				136-16	1100A136-16	TR-218A				450-10
	A-8/500/60-R9	JS-2(S)	500/600-9		825-R20	TR-77A	700A825-R20		21X7/20X800-10	TR-13				112-20	112-20	TR-218A			5.00-10	500/6-10
	A-8/500/60-R9	TR-244(S)	500/600-9	9.00-20	900-20	TR-175A	103/900-20		TUBELESS		F-10P-D			112-24	112/124-24	TR-15			4.00-12	400-12
6.50-10	650-10	JS-2			900-20	TR-175A	900A111-R20		TUBELESS		F-10P-H				112/124-24	TR-218A			5.00-12	450A570-12
	650-10	JS-2	650-10		900-R20	TR-78A	103/900-20	23X850-12	TUBELESS		F-12P-A				95A-R24/112-24S	TR-15				450/500/570-12
	650-10	JS-2	650A21X7-10		900-R20	TR-78A	900A111-R20	24X850-12	TUBELESS		F-12P-A				95A-R24/112-24S	TR-218A			6.00-12	600-12
	650-R10	JS-2			900-R20	TR-175A	103/900-20	27X850-15	95-14/B-15	TR-15				124-24	112/124-24	TR-15				600/6-12
7.50-10	750-10	JS-2			900-R20	TR-175A	900A111-R20	23X900-12	23X900-12	TR-13					112/124-24	TR-218A			9.00-13	900-13
	750-10	JS-2	650A21X7-10	10.00-20	1000/111-R20	TR-76A	900A111-R20	19X1000-8	19X1000-8	TR-13				136-24	136-24	TR-15				900-13
4.50-12	450A570-12	TR-13			1000/111-R20	TR-76A	1100B13/80-R20	20X1000-10	20BX1000A-10	TR-13					136-24/124A-26	TR-218A			4.00-15	450-14/400-15
	450A570-12	TR-244			1000/111-R20	TR-78A	900A111-R20		26X1400-12	TR-15				149-24	169A-24	TR-218A			5.00-15	500A-15/B-16
	450A570-12	TR-244	Y-12	11.00-20	1100-20	TR-78A	1100B13/80-R20	AGS						169-24	169A-24	TR-218A				5.90-15
	450/500/570-12	JS-2			1100-R20	TR-78A	1100B13/80-R20	6-10	500/6-10	TR-13				136-26	124/136-26	TR-15				9.00-15
	450/500/570-12	JS-2	450-12		1100-R20	TR-77A	1100B13/80-R20	5-12	5-12	TR-13					136-24/124A-26	TR-218A				3.00-16

CONTINUED-->

TYRE VALVES FOR AUTOMOBILES

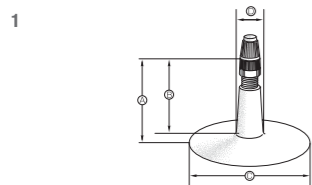


	TYPE	VALVE NO.	FIGURE NO.
TUBETYPE	RUBBER-COVERED VALVE	TR13, TR15, TR150, TR150CW	1
	RUBBER-BASED VALVE	TR4, TR4(S), PV58, PV72	2-1
		TR87, TR87(S), TR244, TR244(S), JS2, JS2(S), JS87(B), JS89, JS89(A), JS185, JS244A, JS244A(S), PV43, PV43A, PV78	2-2
		TR75A, TR76A, TR77A, TR77E, TR78A, TR175A, TR177A, TR179A, JS75, JS177B, JS179, JS179A	2-3
	SCREW-ON VALVE	V3-02-0, V3-02-3, V3-02-7, V3-02-8, V3-02-9, V3-02-10, V3-02-14, V3-02-15, V3-02-16, PV34L, PV38, PV89	3-1
		V3-04-6, V3-04-10	3-2
		V3-06-2, V3-06-3, V3-06-5, V3-06-6, PV88	3-3
TR1077A, TR1177A, JSJ1078(S)*, JSJ1175*, JSJ1175B*, JSJ1175C*		3-4	
AIR-WATER VALVE	TR218A, TR220A	4-1	
TUBELESS	SNAP-IN VALVE	TR412, TR413, TR414, TR415, TR418, TR423, TR425, PVR21	5-1
		PVR70, PVE71	5-2
	CLAMP-IN VALVE	JS101, JS102, JS430, PVR58, PVR65	6-1
		TR570, TR575, V3-20-2, V3-20-4	6-2
		TR503A TRJ690*	6-3 6-4
TUBETYPE + TUBELESS	SWIVEL VALVE	TRJ4000-4, 1/2", TRJ650*, TRJ654*	7

VALVES

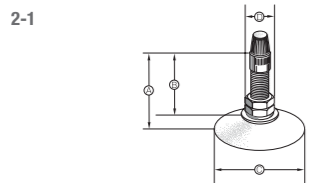
VALVES FOR TUBE TYPE

► Rubber-covered Valve



DIMENSIONS(mm)				
VALVE NO.	A	B	C [⊙]	D [⊙]
TR13	-	35.0	-	11.5
TR15	-	35.0	-	16.5
TR150	-	88.5	-	15.5
TR150CW	-	88.5	-	15.5

► Rubber-based Valve

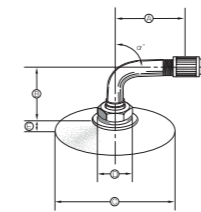


DIMENSIONS(mm)				
VALVE NO.	A	B	C [⊙]	D [⊙]
TR4	-	29	-	-
PV58	35	30	56	10
PV72	44.5	40	56	10.5

VALVES FOR TUBE TYPE

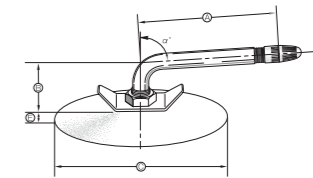
► Rubber-based Valve

2-2



DIMENSIONS(mm)						
VALVE NO.	A	B	C [⊙]	D [⊙]	E	α [°]
TR87	33	15	-	10.5	-	90
TR87(S)	33	15	-	10.5	-	0
TR244	33	26	56	-	4.5	90
JS2	33	26	56	-	4.5	70
JS89	51	12.5	56	-	4.5	90
JS185	60.5	12.5	56	-	4.5	90
JS244A	33	22	56	-	4.5	90
PV43	55	22	56	8	4.5	90
PV43A	53.8	22	56	8	4.5	85
PV78	33	30	44.5	8	4.5	90

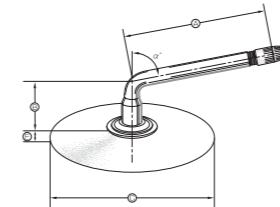
2-3



DIMENSIONS(mm)					
VALVE NO.	A	B	C [⊙]	E	α [°]
TR76A	86	24	95	6.7	86
TR77A	105	24	95	6.7	86
TR77E	94	35	95	6.7	86
TR78A	127	24	95	6.7	86
TR175A	115	24	95	6.7	86
TR177A	95	24	95	6.7	86
TR179A	141	24	95	6.7	86
JS1	60	24	95	6.7	82
JS75	70	24	95	6.7	82
JS179	133	36	95	6.7	86
JS179A	137	29	95	6.7	86

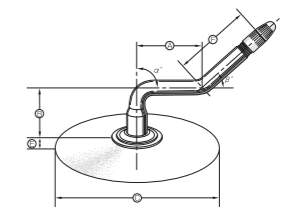
► Screw-on Valve

3-1



DIMENSIONS(mm)					
VALVE NO.	A	B	C [⊙]	E	α [°]
V3-02-2	43	22.5	-	-	60
V3-02-3	44.5	33	-	-	85
V3-02-7	71.5	22.5	-	-	80
V3-02-8	89.5	20.5	-	-	86
V3-02-9	99.5	20.5	-	-	86
V3-02-10	115	20.5	-	-	86
V3-02-14	138.5	20.5	-	-	86
V3-02-15	145.5	20.5	-	-	86
V3-02-16	149.5	20.5	-	-	90
PV34L	165	42.8	95	6.7	86
PV89	123	42.8	95	6.7	86

3-2



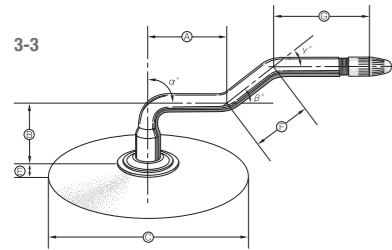
DIMENSIONS(mm)							
VALVE NO.	A	B	C [⊙]	D [⊙]	E	α [°]	β [°]
V3-04-6	86	20	-	-	47.5	90	27
V3-04-10	47	20.5	-	-	53	90	26

VALVES

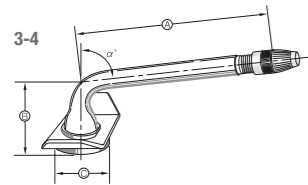


VALVES FOR TUBE TYPE

▶ Rubber-covered Valve

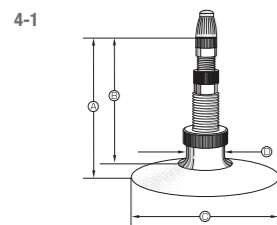


DIMENSIONS(mm)										
VALVE NO.	A	B	C [°]	E	F	G	H	α°	β°	γ°
V3-06-1	30.5	20.5	-	-	25.8	35.5	17	90	41	41
V3-06-2	44.5	20.5	-	-	20.9	37.5	12	90	55	55
V3-06-3	46	20.5	-	-	26.8	47.5	20.5	90	40	40
V3-06-5	62.5	20.5	-	-	25.8	49	19.5	90	41	41
V3-06-6	79.5	20	-	-	25.8	37.5	19.5	90	41	41
PV88	80.5	26.3	95	6.7	47	54.5	-	90	30	30



DIMENSIONS(mm)				
VALVE NO.	A	B	C [°]	α°
TR1077A	104	24	-	86
TR1177A	94	24	-	86
JSJ1175	105	35	32	88

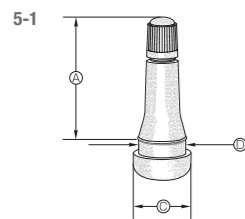
▶ Air-water Valve



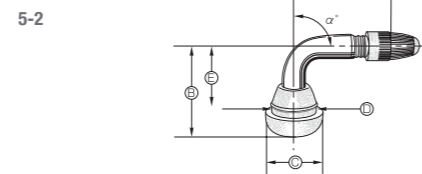
DIMENSIONS(mm)				
VALVE NO.	A	B	C [°]	D [°]
TR218A	-	41.4	-	16.3
TR220A	-	50.8	-	16.3

VALVES FOR TUBELESS TYPE

▶ Snap-in Valve



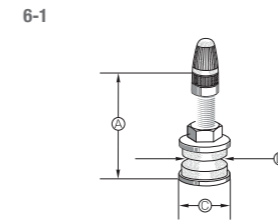
DIMENSIONS(mm)			
VALVE NO.	A	B	C [°]
TR412	22.4	19.8	15
TR413	31.8	19.8	15
TR414	38.1	19.8	15
TR415	31.8	25.4	19.3
TR418	50.8	19.8	15
TR423	63.5	19.8	15
TR425	50.8	25.4	19.3
PVR21	35	19	15



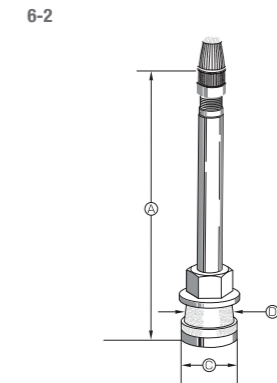
DIMENSIONS(mm)						
VALVE NO.	A	B	C [°]	D [°]	E	α°
PVR70	30	32.4	19	15	19.8	90
PVR71	45	32.4	19	15	19.8	90

VALVES FOR TUBELESS TYPE

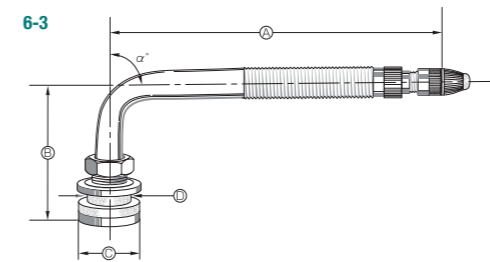
▶ Clamp-in Valve



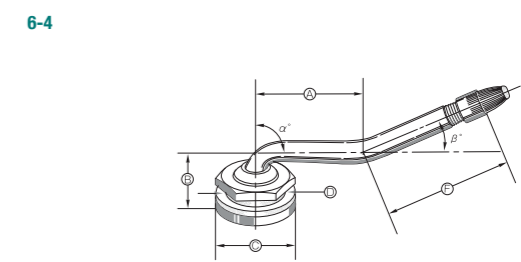
DIMENSIONS(mm)			
VALVE NO.	A	C [°]	D [°]
JS101	40.5	21	18.5
JS102	35	18	16
JS430	37	14	10.5
PVR58	38	16	10.5
PVR65	27	14	11



DIMENSIONS(mm)			
VALVE NO.	A	C [°]	D [°]
TR570	83.4	19	15.9
FR575	32.6	19	15.9
V3-20-1	41	16	-



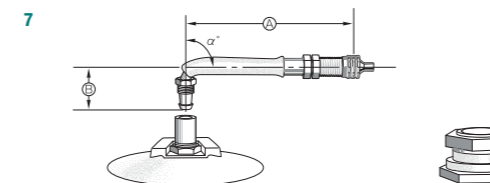
DIMENSIONS(mm)					
VALVE NO.	A	B	C [°]	D [°]	α°
TR622A	94.5	47.5	22	16	90
TR623A	42	42	22	16	65
V3-20-2	60	34	16	12.7	17.5
V320-4	60	25	16	12.7	27



DIMENSIONS(mm)							
VALVE NO.	A	B	C [°]	D [°]	F	α°	β°
TR503A	38.0	21.5	28.5	20	42	90	25

VALVES FOR TUBE AND TUBELESS TYPE

▶ Swivel Valve



DIMENSIONS(mm)			
VALVE NO.	A	B	α°
TRJ4000-4 1/2	114	31	90
TRJ650	79.5	27.5	80
TRJ654	79.5	27.5	80

DEFINITION OF LETTERS



PASSENGER CAR



LOAD INDEX

The tyre and rim association standard

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

SPEED INDEX

The tyre and rim association standard

SPEED SYMBOL	SPEED (KM/H)	SPEED SYMBOL	SPEED (KM/H)
E	70	R	170
F	80	S	180
G	90	T	190
J	100	U	200
K	110	H	210
L	120	V	240
M	130	W	270
N	140	Y	300
P	150	Z	Over 240
Q	160		

PLY RATING-LOAD RANGE

The tyre and rim association standard

PLY RATING	LOAD RANGE	PLY RATING	LOAD RANGE
2	A	14	G
4	B	16	H
6	C	18	J
8	D	20	L
10	E	22	M
12	F	24	N

Conversion Chart

1) 82(80) SERIES → 70/65/60 SERIES

Actual Size	Conversion Size	
	LI	OD
135R13	69	577
	155/70R13	75 548
	135/70R14	69 546
	165/65R13	77 544
	185/60R13	80 552
	165/60R14	75 554
14R13	74	566
	165/70R13	79 562
	185/65R13	84 570
	165/65R14	79 570
	195/60R13	83 564
	175/60R14	79 566
155R13	78	578
	175/70R13	82 576
	195/65R14	87 584
	175/65R14	82 584
	205/60R13	86 576
	185/60R14	82 576
165R13	82	596
	185/70R13	86 590
	175/70R15	84 602
	205/65R14	86 596
	185/65R15	86 590
	205/60R15	88 602
165R14	84	622
	195/70R13	88 616
	195/65R14	86 627
	205/65R14	91 622
	185/65R15	88 621
	205/60R15	91 627
175R13	86	608
	195/70R13	89 604
	195/65R14	89 610
	205/60R14	88 602
	215/60R14	91 614
175R14	88	634
	195/70R14	91 630
	215/65R14	94 636
	195/65R15	91 635
	215/60R15	94 639
185R14	90	650
	205/70R14	98 644
	195/70R15	92 655
	205/65R15	94 64
	225/60R15	96
165R15	86	646
	185/70R15	89
	205/65R15	94
	185/65R16	89
	225/60R15	96
	205/60R16	92

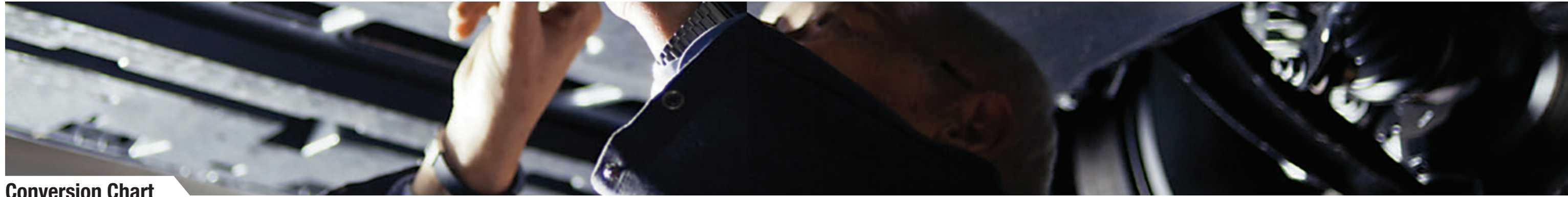
2) 80 SERIES → 70/65/60 SERIES

Actual Size	Conversion Size	
	LI	OD
135/80R13	70	546
	155/70R13	75 548
	165/65R13	77 544
	175/60R13	77 540
	185/60R13	80 552
145/80R13	75	562
	165/70R13	79 562
	175/65R13	80 558
	155/65R14	75 558
	195/60R13	83 564
	175/60R14	79 566
155/80R13	79	578
	175/70R13	82 576
	195/65R13	87 584
	175/65R14	82 584
	205/60R13	86 576
	185/60R14	82 578
165/80R13	83	594
	185/70R13	86 590
	185/65R14	86 596
	215/60R13	88 588
	195/60R14	86 590
	225/60R13	92 600
	175/65R14	82 584
175/80R13	86	610
	195/70R13	89 604
	195/60R14	89 610
	215/60R14	91 614
155/80R14	81	604
	175/70R14	84 602
	195/65R14	89 610
	205/60R14	88 602
	185/60R15	84 603
165/80R14	85	620
	185/70R14	88 616
	205/65R14	91 622
	185/65R15	89 621
	215/60R14	91 614
	195/60R15	88 615
	195/60R15	91 635
175/80R14	88	636
	195/70R14	91 630
	195/65R15	91 635
	215/60R15	94 639
185/80R14	91	652
	205/65R15	94 647
	225/60R15	96 651
165/80R15	87	645
	205/65R15	94 647
	185/65R16	89 646
	215/60R15	94 639
	225/60R15	96 651
	195/60R16	89 640

3) 70 SERIES → 65/60 SERIES

Actual Size	Conversion Size	
	LI	OD
145/70R13	71	534
	155/65R13	73 532
	175/60R13	77 540
155/70R13	75	548
	165/65R13	77 544
	185/60R13	80 552
	165/60R14	75 554
165/70R13	79	562
	175/65R13	80 558
	195/60R13	83 564
	175/60R14	79 566
175/70R13	82	576
	185/65R13	84 570
	205/60R13	86 576
	185/60R14	82 578
185/70R13	86	590
	195/65R13	87 584
	185/65R14	86 596
	215/60R13	89 588
	195/60R14	86 590
195/70R13	89	604
	195/65R14	89 610
165/70R14	81	588
	225/60R13	92 600
	175/65R14	82 584
175/70R14	84	602
	185/65R14	86 596
	205/60R14	88 602
	185/60R15	84 603
185/70R14	88	616
	195/65R14	89 610
	205/65R14	91 622
	185/65R15	88 621
	215/60R14	91 614
	195/60R15	88 615
195/70R14	91	630
	195/65R15	91 635
	225/60R14	94 626
	205/60R15	91 627
205/70R14	95	644
	205/65R15	94 647
	215/60R15	94 639
195/70R15	92	655
	215/65R15	96 661
	205/60R16	92 652
205/70R15	96	669
	205/65R16	95 672

PASSENGER CAR



Conversion Chart

4) 65 SERIES → 60/55/50 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
165/65R13	77	544	175/60R13	77	540
			195/55R13	80	544
			185/50R14	77	542
175/65R13	80	558	185/60R13	80	562
			185/55R14	80	560
			205/50R14	84	562
155/65R14	75	558	165/60R14	75	554
			185/55R14	80	560
			205/50R14	84	562
165/65R14	79	570	175/60R14	79	566
			195/55R14	82	570
175/65R14	82	584	185/60R14	82	578
			195/60R14	86	590
			185/55R15	82	585
			205/50R15	86	587
185/65R14	86	596	195/60R14	86	590
			205/60R14	88	602
			215/50R15	88	597
195/65R14	89	610	215/60R14	91	614
			225/55R14	91	604
			225/50R15	91	607
185/65R15	88	621	195/60R15	88	615
			205/60R15	91	627
			215/55R15	89	617
			215/50R16	90	622
195/65R15	91	635	215/60R15	94	639
			205/55R16	91	632
			225/50R16	92	632
			205/50R17	93	638
215/65R14	94	636	215/60R15	94	639
			235/55R15	95	639
			235/50R16	95	642
205/65R15	94	647	225/60R15	96	651
			235/50R16	95	642
			245/50R16	97	652
215/65R15	96	661	235/60R15	98	663
			255/50R16	99	662

5) 60 SERIES → 55/50/45/40 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
165/60R14	75	554	185/55R14	80	560
			195/45R14	78	557
			215/40R15	80	553
175/60R14	79	566	185/55R14	80	560
			195/55R14	82	570
			205/50R14	84	562
			205/45R15	81	565
			195/40R16	80	562
			205/40R16	83	570
185/60R14	82	578	205/55R14	85	582
			195/50R15	82	577
			215/45R15	84	575
			215/40R16	82	578
195/60R14	86	590	205/50R15	86	587
			235/45R15	88	593
205/60R14	88	602	205/55R15	88	607
			215/55R15	88	597
			225/50R15	91	607
			225/45R16	89	608
215/60R14	91	614	255/45R15	93	611
			255/40R16	92	610
225/60R14	94	626	245/50R15	96	627
			245/45R16	94	626
185/60R15	84	603	205/55R15	88	607
			215/50R15	88	597
			215/45R16	86	600
195/60R15	88	615	215/55R15	89	617
			255/45R15	93	611
			215/45R17	87/91	626
			225/45R17	90/94	634
			235/40R17	90	620
205/60R15	91	627	205/55R16	91	632
			225/55R15	92	629
			225/50R16	92	632
			245/45R16	94	626
			215/45R17	91*	626
			245/40R17	91	628
			255/40R17	94	636
			225/45R18	92*	637
			255/34R18	90	635
			235/50R16	95	642
			235/45R17	94	644
			255/40R17	94	636
			265/40R17	96	644
			265/35R18	93/97*	643
225/60R15	96	651	225/55R16	95	654
			245/50R16	97	652
			245/45R17	95	652
			275/45R17	98	652
			285/40R17	100	660
			245/40R18	97*	653
			255/40R18	95*	661
			275/35R18	95	649
			285/35R18	97	657
215/60R15	94	639	235/55R15	95	639
			235/50R16	95	642
			235/45R17	94	644
			255/40R17	94	636
			265/40R17	96	644
			265/40R17	96	644
			235/40R18	95*	645
225/60R16	92	652	245/50R16	97	652
			245/45R17	95	652
			275/45R17	98	652
			285/40R17	100	660
			245/40R18	97*	653
			255/40R18	95*	661
			275/35R18	95	649
			265/35R18	93/97*	643
			265/30R19	89	643
			235/45R17	94	644
215/60R16	95	664	245/45R17	95	652
			265/40R17	96	644
			225/40R18	88/92*	637
			255/35R18	90	635
			265/35R18	93/97*	643
			265/30R19	89	643
			235/45R17	94	644
			245/45R17	95	652
			265/40R17	96	644
			275/40R17	98	652
			235/40R18	91/95*	645
			245/40R18	93/97*	653
			265/35R18	93/97*	643
			275/35R18	95	649
			235/35R19	91*	647
225/60R16	96	676	245/45R17	95	652
			245/40R18	97*	653
			265/40R18	95	661
			285/35R18	97	657
			295/35R18	99	663
			285/30R19	98*	655
			295/30R19	100*	661
			265/40R18	101*	669
			235/55R16	98	664
			235/45R18	98	669
			255/40R18	95	661
			265/40R18	101*	669
			235/50R17	96	668
			235/45R18	98	669
			255/40R18	95	661
			265/40R18	101*	669
			235/50R16	98	664

6) 55 SERIES → 50/45/40/35 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
195/55R14	82	570	215/45R15	84	575
185/55R15	82	585	205/50R15	86	587
			205/45R16	83	590
			225/40R16	85	586
			205/40R17	80/84	596
			225/35R17	82	590
195/55R15	85	595	215/50R15	88	597
			215/45R16	86	600
			205/45R17	84/88*	616
			215/40R17	83/87*	604
205/55R15	88	607	225/50R15	91	607
			225/45R16	89	608
			255/40R16	92	610
215/55R15	89	617	215/50R16	90	622
			235/40R17	90	620
225/55R15	92	629	225/50R16	92	632
			245/45R16	94	626
205/55R16	91	632	205/50R15	91	632
			225/55R16	92	632
			245/45R16	94	626
			205/50R17	93*	638
			215/45R17	91*	626
			225/45R17	90	634
			245/40R17	91	628
			255/40R17	94	636
			225/45R18	92*	637
			255/34R18	90	635
215/55R16	93	642	235/50R16	95	642
			235/45R17	94	644
			255/40R17	94	636
			265/40R17	96	644
			265/35R18	93/97*	643
225/55R16	95	654	225/55R16	95	654
			245/50R16	97	652
			245/45R17	95	652
			275/45R17	98	652
			285/40R17	100	660
			245/40R18	97*	653
			255/40R18	95*	661
			275/35R18	95	649
			285/35R18	97	657
245/55R16	100	676	225/55R17	97	680
			265/50R16	101	672
			275/45R17	102	680
			245/45R18	100*	677
			265/40R18	101*	669
225/55R17	97	680	245/50R17	99	678
			275/45R17	102	680
			245/45R18	100*	677
			255/45R18	103*	687
			275/40R18	99	677
			285/40R18	101	685
			285/35R19	99	683

7) 50 SERIES → 45/40/35 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
195/50R15	82	577	215/45R15	84	575
			215/40R16	82	578
			245/35R16	86	578
			205/40R17	80/84*	596
			215/40R17	83/87*	604
205/50R15	86	587	205/45R16	83	590
215/50R15	88	597	235/45R15	88	593
225/50R15	91	607	255/45R15	93	611
			255/40R16	92	610
195/50R16	84	602	215/45R16	86	600
			225/45R16	89	608
			205/40R17	84*	596
			245/35R17	87	604
205/50R16	87	612	225/45R16	89	608
215/50R16	90	622	215/45R17	91*	626
			245/45R16	94	626
			205/40R17	84*	596
			235/40R17	90	620
			245/40R17	91	628
			275/35R17	94	624
225/50R16	92	632	245/45R16	94	626
			225/40R18	92*	637
			255/40R17	94	636
235/50R16	95	642	265/40R17	96	644
			235/40R18	95*	645
			265/35R18	97*	643
245/50R16	97	652	275/40R17	98	652
			245/40R18	97	653
			285/35R18	97	657
			285/30R19	98	655
255/50R16	99	662	285/40R17	100	660
			265/40R18	101*	669
			295/35R18	99	663
			295/30R19	100*	661
			305/30R19	102*	667
205/50R17	89	638	225/45R17	91	634
			235/45R17	94	644
			255		

SPORTS UTILITY VEHICLE



Conversion Chart

1) 85 SERIES → 75/70/65/60/50/45/50/30 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
195/80R15	96	693	205/75R15	97	689
			225/70R15	100	697
			215/65R16	98	686
			235/60R16	100	688
			235/50R18	97	693
215/80R15	102	725	225/75R15	102	719
			225/70R16	107	722
			275/45R19	104	731
			275/40R20	102	728
			315/35R20	106	728
215/80R16	103	750	225/75R16	104	744
			245/70R16	107	750
			225/70R17	108	748
			245/65R17	107	750
			285/50R18	109	743
235/80R16	109	782	275/65R17	115	790

2) 82 SERIES → 80/75/70/65/60/55 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
30X9.50R15	104	750	265/70R15	112	753
			225/70R16	104	744
			245/70R16	107	750
			225/70R17	108	748
			245/65R17	107	750
			285/50R18	109	743
31X10.50R15	109	775	235/80R16	109	782
			245/75R16	111	774
			265/70R16	112	778
			265/65R17	112	776
			265/60R18	110	775
32X11.50R15	113	801	265/75R16	116	804
			285/60R18	116	799
27X8.50R14	95	674	205/70R15	96	669
			205/65R16	95	672
			225/55R17	97	680

3) 75 SERIES → 70/65/60/55/50/45/35 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
205/75R15	97	689	215/70R15	98	683
			215/65R16	98	686
			235/60R16	100	688
			235/50R18	97	693
215/75R17	100	703	225/70R15	100	697
			215/70R16	100	708
			225/60R17	99	702
225/75R15	102	719	225/70R16	107	722
			255/50R18	102	713
225/75R16	104	744	255/65R16	109	738
			245/70R16	107	750
			235/65R17	104	738
			255/60R17	106	738
			225/70R17	108	748
			245/65R17	107	750
			255/55R18	105	737
			285/50R18	109	743
			255/50R19	103	739
			285/45R19	107	739
235/75R15	105	733	255/70R15	108	739
			235/70R16	106	736
			255/65R16	109	738
			275/55R17	109	734
			255/60R17	106	738
			255/55R18	105	737
			285/45R19	107	739
245/75R16	111	774	315/35R20	106	728
			265/70R16	112	778
			265/65R17	112	776
			265/60R18	110	775
265/75R16	116	804	285/60R18	116	799

4) 70 SERIES → 65/60/55/50/45 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
215/70 R15	98	683	215/65R16	98	686
			235/60R16	100	688
215/70 R16	100	708	255/50R18	102	713
225/70 R17	108	748	285/50R18	109	743
235/70 R16	106	736	285/45R19	107	739
			255/65R16	109	738
			275/55R17	109	734
			255/60R17	106	738
			285/50R18	109	743
245/70 R16	107	750	245/65R17	107	750
			285/50R18	109	743
255/70 R15	108	739	255/65R16	109	738
			275/55R17	109	734
			285/50R18	109	743
255/70 R16	111	764	255/60R18	112	763
265/70 R16	112	778	265/65R17	112	776
275/70 R16	114	792	275/65R17	115	790
			285/60R18	116	799

5) 65 SERIES → 60/55/50/45 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
215/65R16	98	686	235/60R16	100	688
235/65R17	104	738	255/60R17	106	738
			275/55R17	109	734
			255/55R18	105	737
			285/50R18	109	743
			275/45R19	104	731
			285/45R19	107	739
235/65R18	106	763	255/60R18	112	763
			255/55R19	107	763
			255/50R20	109	764
245/65R17	107	750	285/50R18	109	743
255/65R16	109	738	275/55R17	109	734
			285/50R18	109	743

6) 60 SERIES → 55/50/45 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
255/65R17	106	738	275/55R17	109	734
			285/50R18	109	743
			285/45R19	107	739

7) 55 SERIES → 50/45 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
255/55R18	105	737	285/45R19	107	739
255/55R19	107	763	255/50R20	109	764

8) 50 SERIES → 45 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
255/50R19	103	739	285/45R19	107	739

9) 45 SERIES → 35 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
275/45R19	104	731	315/35R20	106	728

10) 40 SERIES → 35 SERIES

Actual Size			Conversion Size		
LI	OD		LI	OD	
275/40R20	102	728	315/35R20	106	728

LIGHT TRUCK & VAN



Conversion Chart Approved Rim Width

Load Index Single (Dual)	Load/Tyre (Kg) Single(Dual)	100's	90's	80's
128 (127)	*1,800 (1,750)*	7.50R20 (12PR)	8R22.5	
133 (131)	*2,060 (1,950)*	8.25R20 (14PR)	9R22.5	
147 (143)	*3,075 (2,725)*	10.00R20 (16PR)	11R22.5 *	
148 (145)	*3,150 (2,900)*		11R22.5	275/80R22.5 **
150 (146)	*3,350 (3,000)*	11.00R20 (16PR)		295/80R22.5
152 (148)	*3,550 (3,150)*		12R22.5	295/80R24.5
154 (150)	*3,750 (3,350)*	12.00R20 (18PR)	13R22.5	315/80R22.5
156 (150)	*4,000 (3,350)*	12.00R24 (18PR)	13R22.5	315/80R22.5

* : 11R22.5 - Actual Load Index is 148/145 (3,150/ 2,900kg)

** : 275/80R22.5 - Actual Load Index is 149/146 (3,250/ 3,000kg)

APPROVED RIM WIDTH

Size	Approved Rim Width
6.00R15	4.50E SDC, 41/2K
6.50R15 8PR	4.50E SDC, 41/2K, 5K, 5.50F SDC, 51/2K
6.50R15 10PR	5.50F SDC
7.00R15 8PR	5.50F SDC, 51/2K
7.00R15 10, 12PR	5.50F SDC
7.50R15 10PR	5.50F SDC, 6.00GS SDC
7.50R15 12, 14PR	6.00GS SDC
185/70R15.5	5.25
195/70R15.5	6.00
215/60R15.5	6.00
6.50R16	4.50E SDC, 5.50F SDC
7.00R16	5.50F SDC
7.50R16 8, 10PR	5.50F SDC, 6.00GS SDC
7.50R16 12, 14PR	6.00GS SDC
8.25R16	6.00GS SDC, 6.50H SDC
185/85R16	41/2J, 5J, 51/2JJ, 6JJ, 41/2K, 5K, 51/2K, 6K
195/85R16	5J, 51/2JJ, 6JJ, 5K, 51/2K, 6K
LT215/85R16	51/2JJ, 6JJ, 61/2JJ, 7JJ, 51/2K, 6K, 61/2K, 7K
LT235/85R16	6JJ, 61/2JJ, 7JJ, 71/2JJ, 6K, 61/2K, 7K
8.5R17.5	5.25, 6.00, 6.75
9.5R17.5	6.00, 6.75
10R17.5	6.75, 7.50
195/60R17.5	6
195/70R17.5	6.00
205/60R17.5	6.00, 6.75
205/75R17.5	5.25, 6.00, 6.75
205/80R17.5	5.25, 6.00, 6.75
215/70R17.5	6.00, 6.75
215/75R17.5	6.00, 6.75
225/60R17.5	6.75
225/75R17.5	6.00, 6.75
235/75R17.5	6.75, 7.50

*Numbers shown in bold are the recommended rim sizes

RECOMMENDED INFLATION PRESSURE

Tyre Size	Ply Rating	Load Index	RADIAL		
			INF Pressure		
			PSI	kPa	BAR
225/75R16 *		110/107	65	450	4.5
245/75R16 *		120/116	81	550	8.5
215/85R16 *		119/116	95	650	6.5
235/85R16 *		114/111	65	450	4.5
6.50R16	8	104/102	62	425	4.25
6.50R16	10	108/107	74	500	5.0
7.00R16	10	113/112	77.5	525	7.25
7.00R16	12	117/116	88	600	6.0
7.50R16	8	112/110	65	450	4.5
7.50R16		122/120	98.5	675	6.75
7.50R16	10	116/114	76	515	5.15
7.50R16	12	121/119	94	640	6.4
8.25R16	14	128/126	98	670	6.7
155R12C	6	83/81	51	350	3.5
155R12C	8	88/86	65	450	4.5
165R14C	6	93/91	54.5	375	3.75
165R14C	8	97/95	65	450	4.5
175R14C	8	99/98	65	450	4.5
185R14C	6	99/97	54.5	375	3.75
185R14C	8	102/100	65	450	4.5
195R					

HEAVY TRUCK & BUS



Conversion Chart Approved Rim Width

Load Index Single (Dual)	Load/ Tyre (Kg) Single(Dual)	100's	90's	80's
128 (127)	*1,800 (1,750)*	7.50R20 (12PR)	8R22.5	
133 (131)	*2,060 (1,950)*	8.25R20 (14PR)	9R22.5	
147 (143)	*3,075 (2,725)*	10.00R20 (16PR)	11R22.5 *	
148 (145)	*3,150 (2,900)*		11R22.5	275/80R22.5 **
150 (146)	*3,350 (3,000)*	11.00R20 (16PR)		295/80R22.5 295/80R24.5
152 (148)	*3,550 (3,150)*		12R22.5	295/80R22.5
154 (150)	*3,750 (3,350)*	12.00R20 (18PR)	13R22.5	315/80R22.5
156 (150)	*4,000 (3,350)*	12.00R24 (18PR)	13R22.5	315/80R22.5

* : 11R22.5 - Actual Load Index is 148/145 (3,150/ 2,900kg)

** : 275/80R22.5 - Actual Load Index is 149/146 (3,250/ 3,000kg)

APPROVED RIM WIDTH

Size	Approved Rim Width
7.50R15	6.0 , 6.5, B6.5
8.25R15	6.0, 6.5 , B6.5, 6.50T, 7.0
10.00R15	7.0, 7.5
7.50R18	6.00S , 6.50T
7.00R20	4.33R, 5.0R, 5.5S , 6.00S, B5.0
8.25R20	5.5, B5.5, 6.0, 6.00T, B6.0, 6.5 , B6.5, 7.0, B7.0
9.00R20	6.0, 6.00T, 6.5, B6.5, 7.0 , B7.0, 7.33V, 7.5, B7.5
10.00R20	6.5, B6.5, 7.0, B7.0, 7.33V, 7.5 , B7.5, 8.0, 8.0V, B8.0
11.00R20	7.33V, 7.5, B7.5, 8.0 , 8.0V, B8.0, 8.5, 8.50V, B8.5, 9.00V
12.00R20	7.33V, 7.5, B7.5, 8.0, 8.0V, B8.0, 8.5 , 8.50V, B8.5, 9.0, 9.00V
14.00R20	9.0, 10.0 , 10.00V, 10.00W
11.00R22	7.33V, 7.5, B7.5, 8.0, 8.0V , B8.0, 8.5, 8.50V, B8.5, 9.00V
11.00R24	7.33V, 7.5, B7.5, 8.0, 8.0V , B8.0, 8.5, 8.50V, B8.5, 9.00V
12.00R24	7.33V, 7.5, B7.5, 8.0, 8.0V, B8.0, 8.5 , 8.50V, B8.5, 9.0, 9.00V
9R17.5	6.00, 6.75
10R17.5	6.75, 7.50
9R19.5	6.00, 6.75
8R22.5	5.25, 6.00 , 6.75
9R22.5	6.00, 6.75
10R22.5	6.75, 7.50
11R22.5	7.50, 8.25
12R22.5	8.25, 9.00
13R22.5	9.00, 9.75
11R24.5	7.50, 8.25
205/80R15	5.0, 5.5 , 6.0, 6.5
245/70R17.5	6.75, 7.50
215/75R17.5	6.00 , 6.75

*Numbers shown in bold are the recommended rim sizes

Size	Approved Rim Width
235/75R17.5	6.75 , 7.50
225/80R17.5	6.00, 6.75
225/90R17.5	6.00, 6.75
445/65R19.5	14.00 , 15.00
245/70R19.5	6.75, 7.50
265/70R19.5	6.75, 7.50 , 8.25
285/70R19.5	7.50, 8.25 , 9.00
305/70R19.5	8.25, 9.00
265/60R22.5	7.50, 8.25
285/60R22.5	8.25, 9.00
295/60R22.5	9.00 , 9.75
315/60R22.5	9.00, 9.75
385/65R22.5	11.75 , 12.25
425/65R22.5	13.00 , 14.00
445/65R22.5	14.00
235/70R22.5	6.75 , 7.50
255/70R22.5	6.75, 7.50 , 8.25
275/70R22.5	7.50, 8.25
285/70R22.5	7.50, 8.25 , 9.00
305/70R22.5	8.25, 9.00
305/70R22.5	8.25, 9.00
315/70R22.5	9.00 , 9.75
295/75R22.5	8.25, 9.00
275/80R22.5	7.50, 8.25
295/80R22.5	8.25, 9.00
315/80R22.5	9.00 , 9.75
285/75R24.5	8.25

HEAVY TRUCK & BUS



Recommended Inflation Pressure

Tyre Size	Ply Rating	Load Index	INF Pressure		
			PSI	kPa	BAR
7.50R15		135/133	123	845	8.45
8.25R15	14	130/128	109	750	7.5
8.25R15	18	143/141	123	845	8.45
10.00R15	14	135/132	109	750	7.5
10.00R15	18	148/145	123	845	8.45
205/80R15		124/122	106	725	7.25
9R17.5	14	123/121	98	670	6.7
10R17.5		143/141	124	850	8.5
10R17.5		134/132	116	800	8.0
215/75R17.5 **		135/133	124	850	8.5
225/80R17.5 **		123/122	102	700	7.0
225/90R17.5		127/125	102	700	7.0
235/75R17.5		143/141	127	875	8.75
245/70R17.5		136/134	124	850	8.5
245/70R17.5		143/141	127	875	8.75
7.50R18 **		127/125	113	775	7.75
9R19.5 **		130/128	106	725	7.25
245/70R19.5		133/131	109	750	7.5
245/70R19.5		136/134	120	825	8.25
265/70R19.5		140/138	113	775	7.75
265/70R19.5		143/141	124	850	8.5
285/70R19.5	16	145/143	123	870	8.5
285/70R19.5		148/145	124	850	8.5
305/70R19.5		148/145	124	850	8.5
445/65R19.5		165	124	850	8.5
7.00R20	12	120/118	83	590	5.75
8.25R20	14	133/131	98.5	675	6.75
9.00R20	14	140/137	106	725	7.25
10.00R20 *		144/142	105	720	7.2
11.00R20	16	150/146	120	825	8.25
11.00R20 *		146/143	105	720	7.2
12.00R20	18	154/150	124	850	8.5

Tyre Size	Ply Rating	Load Index	INF Pressure		
			PSI	kPa	BAR
14.00R20	18	160/157	102	700	7.0
365/80R20		160	131	900	9.0
11.00R22 *		149/146	105	720	7.0
8R22.5 *		128/126	110	760	7.6
9R22.5		133/131	98.5	675	6.75
10R22.5		144/142	124	850	8.5
11R22.5		148/145	124	850	8.5
12R22.5		152/148	124	850	8.5
13R22.5		154/150	124	850	8.5
235/70R22.5 **		138/136	131	900	9.0
255/70R22.5		140/137	116	800	8.0
265/60R22.5		143/140	131	900	9.0
275/70R22.5		148/145	131	900	9.0
275/80R22.5		149/146	124	850	8.5
285/60R22.5		148/145	131	900	9.0
295/60R22.5		149/146	131	900	9.0
295/75R22.5 *		144/141	110	760	9.6
295/80R22.5		152/148	124	850	8.5
305/70R22.5		150/148	124	850	8.5
305/70R22.5		152/148	131	900	9.0
315/60R22.5		152/148	131	900	9.0
315/70R22.5		152/148	124	850	8.5
315/80R22.5		154/150	120	825	8.25
315/80R22.5		156/150	124	850	8.5
385/65R22.5		160	124	850	8.5
425/65R22.5		165	120	825	8.25
445/65R22.5		169	131	900	9.0
11.00R24 *		151/148	105	720	7.2
12.00R24	18	156/153	113	775	7.75
11R24.5 *		146/143	105	720	7.2
285/75R24.5 *		144/141	110	760	7.6

All conversion data is based on ETRTO

All the above approved rim widths and recommended inflation pressures are based on ETRTO except *TRA **JATMA

NOTES

1. This chart is based on the load per tyre. Please check the tyre dimensions before replacing tyres with different sizes
2. This chart does not imply complete interchangeability. Tyre interchangeability is not always possible due to "differences in rim sizes, tyre dimensions, load ratings, wheel-well clearances, vehicles handling and manufacturer's recommendations".
3. Always check the vehicle manufacturer's recommendations for tyre size options before replacing tyres with different sizes and/ or rim sizes.

GETTING THE BEST OUT OF YOUR TYRES



To Avoid Danger

INFLATING THE TYRES

- WARNING** • To avoid the danger from tyre bursting, keep appropriate distance from the tyre when inflating it; keep the tyre in a safety cage.
- CAUTION** • While assembling a passenger car tyre, maximum air pressure for the bead seating is 300kPa (3.0kgf/cm²); do not inflate the air over this pressure.
- Inflate the tyre to less than the bead seating pressure and after ascertaining that the both sides of the beads are mounted evenly on the flange of the rim, adjust the inflation to the recommended level.
- For T-type tyres, collapsible spare tyres, run flat tyres or other types of tyres specified by the manufacturer, follow the tyre manufacturer's instructions.

DAMAGED TYRES

- WARNING** • Do not use tyres that have cuts or cracks which reach the cords inside. The use of such tyres could lead to accidents. Consult with your tyre dealer to see whether repair is possible.

Maintaining Safety and Performance

CHOICE OF TYRES

- Basically, the standard tyres or optional tyres specified by the vehicle manufacturer should be used. When choosing other tyres, consult your dealer.
- Use the same tyre in type, structure and size to all wheels. In case where the vehicle manufacturer specifies tyres of different sizes for each axle, follow the vehicle manufacturer's instructions.
- CAUTION** • Do not use tyres of different type, structure or size on the same axle; differences in tyre performance could lead to accidents. (The T-type spare tyre is an exception to this).
- Use tubes and flaps marked with the same size as the tyre. And use valves which are appropriate for the vehicle and wheel.
- With a new tyre, use a new tube and flap.
- Consult with the dealer when choosing a wheel to suit the tyre size. For a tubeless tyre, be sure to use a tubeless tyre wheel.

CHECKING FOR FOREIGN OBJECTS OR DAMAGE

- CAUTION** • Check that the wheel is not cracked, deformed or markedly corroded.
- Check that there is no crack in the tyre and there is no nail, piece of metal, glass, etc., in the tyre. And make sure that there is no stone or other foreign object in the tread. If you find any foreign object, consult your tyre dealer to remove it.

MOUNTING THE TYRE / WHEEL

- In the case of tubeless tyre, air can leak out if there is any damage around the bead. Use Bridgestone-recommended lubricant when assembling the tyre on the wheel.
- Foreign objects or moisture inside the tyre could lower tyre performance. Before assembling the tyre to the wheel, check the inside of the tyre and remove any foreign objects or moisture.
- Water from the compressor can also get inside the tyre. Drain the compressor off regularly.
- CAUTION** • After the wheel assembly of a tubeless tyre, check that there is no leakage of air from the part between the tyre and the wheel hump or from the valve (Move the valve up and down and sideways to check).
- Be sure to adjust the wheel balance, in order to avoid vehicle vibration or uneven wear.
- Tyres which has side-protector should be fitted with the side-protector facing outside.
- If the tyre has rotation mark or instruction for assembling on its side-wall, please follow the information.
- CAUTION** • When a tyre is fitted to the vehicle, make sure that the tyre does not touch the body of the vehicle to avoid rupturing.
- Make sure that the tyre/wheel does not project over from the body of the vehicle.
- It is not recommended to mount the wheel in such a way that it projects over from fender. It is also recommended not to modify the fender or remodel the body of the vehicle.
- As for dual fitment, a large difference in diameter between the two tyres can cause early damage or uneven wear and have an adverse effect in terms of safety and economy. For dual fitment on a light truck, check that the difference in diameter is 6mm or less for radial tyres and 8mm or less for bias tyres. In case of mounting tyres which have allowed difference in diameter, mount the smaller wheel on the inside.
- Tighten the nuts and bolts with specified torque.

TYRE PRESSURE

- After inflating tyres to the correct pressure, check that there is no air leakage from the valve core, the rim or around the valve before putting on the valve cap.
- CAUTION** • Make sure to put on valve cap and tighten it appropriately.
- Check the air pressure regularly (once a month) using an air pressure gauge before moving the vehicle and when the tyre is cold. Adjust it to the pressure specified by the vehicle manufacturer or tyre manufacturer. Insufficient pressure can cause damage to the tyre or lead to accidents.
- Insufficient inflation pressure, particularly in a low-profile tyre, is not visually noticeable; always use an air pressure gauge to check the tyre pressure.
- During and after driving, the air pressure is high because of the heat. Never try to reduce the pressure while the tyre is hot.
- The air pressure specified by the car manufacturer is indicated somewhere near the door of the vehicle. If you cannot find them, consult with your car dealer or tyre dealer.
- In order for the tyres to provide their best performance, it is important that they are used at the correct inflation pressure. Usage of the tyres at an inappropriate pressure will lower its performance and cause tyre damage.
- Check the inflation pressure of the spare tyre regularly (once a year) and adjust it to the value specified by the vehicle manufacturer or tyre manufacturer.
- As for dual fitment, large difference in inflation pressure can cause early damage or uneven wear and have adverse effect in terms of economy and safety. Adjust the air pressure to the same level on both inside and outside tyre.

SPORTING ACTIVITY

- The instructions of 'Choice of tyres' and 'Tyre pressure' should be followed, even in case of sporting activities such as circuit racing (on-road tyres) or rallying (trail tyres).

LIMIT OF USAGE

- CAUTION** • A tyre is at its limit of use when the wear indicator becomes exposed, indicating tread depth of 1.6 mm. Replace the tyre with a new one before it reaches this stage. A worn tyre is dangerous; manoeuvrability deteriorated and the tyre becomes more likely to slip on a wet road.

SAFETY DRIVING

- CAUTION** • While driving, if you feel that the steering is unstable, or notice any abnormal sound or vibration, stop the vehicle in a safe place as quickly as possible then inspect both the vehicle and the tyres. Check that there is no deformation or other abnormality in the tyres. And even if there is no visible abnormality, continue your journey as slow as possible and have the tyres inspected by a tyre dealer.
- CAUTION** • Sudden starts, acceleration, turns and stops are all dangerous and should be avoided. On wet, snowy or frozen roads in particular, skidding is a potential danger that can lead to accidents. Drive in a manner suited to the road conditions.
- To avoid tyre damage, avoid riding over a curbstone, driving over sharp holes on the road surface, etc.
- CAUTION** • When driving, always keep a distance from the vehicle in front suited to the traffic speed. On wet, snowy or frozen roads in particular, be sure to keep a safe distance from the vehicle in front.
- When the type or size of tyre is changed from the original tyre, be sure to drive with care until you become accustomed to the new tyre's manoeuvrability.
NB: 'Type' here refers to different categories of carcass structure, tube/tubeless, speed symbol and tread pattern.
- To ensure safe driving, check that there is no crack in the valve core. If you find any cracks, consult with your tyre dealer. Also make sure the valve cap is closed tightly. Follow the car manufacturer's instruction when T-type tyre is used or run flat tyre has puncture.

BEAUTIFICATION AND PROTECTION

- If you use instant puncture repair agents or tyre shine agents, do not use any of them which have harmful effects on the tyre.
- When applying a tyre shine agent or rim assembly lubricant containing silicon or wax, take care not to get any of the substance on the surface of the tread (the part that grips the road). If any substance gets on the tread, drive extra carefully.

TYRE STORAGE

- Store tyres and tubes out of direct sunlight and rain, away from water and oil, sources of heat such as stoves and away from instruments which can produce electrical sparks.

TYRE ROTATION

- Wear of the tyres differs because of the position (drive axle or steering axle). To avoid abnormal vibration and noise, and to extend the tyre life, rotate the tyres with appropriate timing.
- Rotate the tyres regularly, including the spare tyre, in a proper manner suited to the conditions of the vehicle (Except T-type spare tyres).

OVERLOADING

- Overloading is not only a cause of damage to the tyres and shortened tyre life but it can also lead to cracking of the wheel. Avoid driving with the vehicle overloaded, also avoid unbalanced loading.

WHEEL ALIGNMENT

- If the wheels of a vehicle are out of alignment, it can cause poor maneuverability and abnormal wear. Check and adjust the wheel alignment at appropriate timing.

TYRE BRANDING

- Branding should be applied superficially near the rim line in order to avoid cracking from the branding area.

OTHERS

- Avoid using processed tyres as it can lead to accidents.

BRIDGESTONE