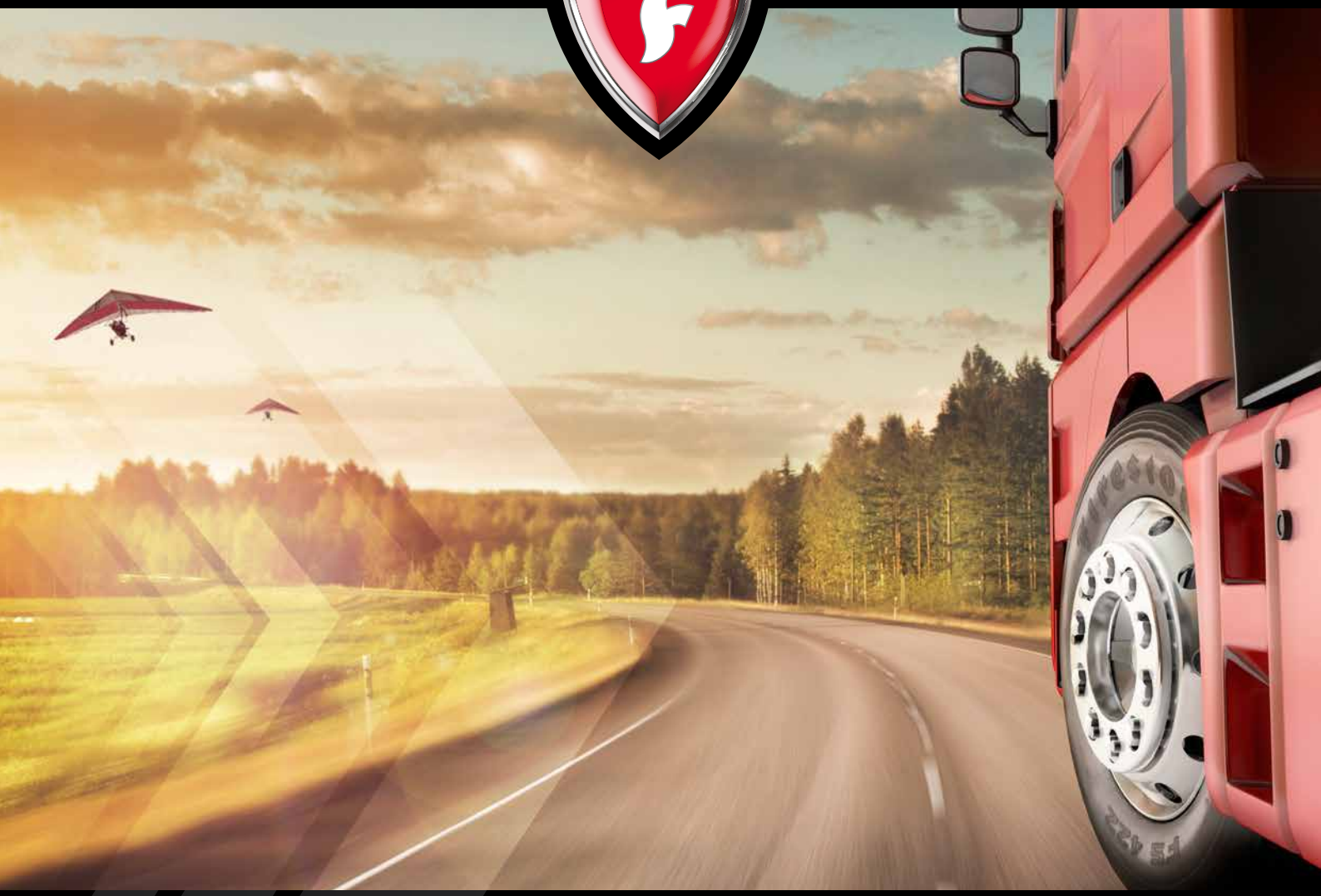

FIRESTONE TRUCK, BUS & VAN

TYRE RANGE 2016

Firestone

INTRODUCTION

Wherever you're headed, whoever or whatever you're taking with you… Firestone boasts over 100 years of knowhow, experience and dedication to getting you there safely and surely.

And the same goes for its latest range of quality, no-nonsense truck and bus tyres for long and short-haul operations. Tyres that are designed and built to get the job done on time and with total peace of mind. **That is how Firestone takes you and your business further!**

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APPLICATION CHART

ON/OFF ROAD

VANS

ON ROAD

FS422 - Steer

Enjoy the ride

- Easy manoeuvring in both wet and dry conditions
- Very resistant to irregular wear for excellent mileage potential
- Low-noise tread design with the innovative “groove fence” feature to boost driver comfort
- Robust, retreadable casing to extend the life of your tyres even further

ERD · GROOVE FENCE · SLIM BEAD · STONE EJECTOR · VPS

FS400 - Steer

Go the distance

- Easy handling and reliable braking, in both wet and dry conditions
- Proven resistance to irregular wear to take you further
- Stable, constant performance throughout the life of the tyre
- Highly retreadable casing for even better mileage

GROOVE FENCE · STONE EJECTOR

PSD3000 - Drive

Stay in control

- Great mileage performance for both long and short-haul
- Good traction and reliable handling, even in wet-weather conditions
- Proven resistance to irregular wear for long service life
- Robust casing, highly suitable for retreading

M + S

FD622 - Drive

Get there safely and smoothly

- Unidirectional tread pattern for superb traction and wet-weather handling
- Excellent braking performance, even in winter conditions
- Durable rubber compounds ensure excellent mileage
- Sturdy construction and highly retreadable casing

M + S | SLIM BEAD | UNI DIRECTIONAL

FD600 - Drive

Get a grip

- Ideal for long distance and regional haulers
- Excellent traction for confident braking and handling, even in the wet
- Great handling and stable performance in a variety of conditions
- Featuring a robust casing for longer tyre life and enhanced retreadability

M + S

FT522 - Trailer

Stay on track

- Highly durable trailer tyre, designed and built for the long haul
- Solid performance in wet and dry conditions
- Good resistance to irregular wear ensures consistent, stable performance
- Quality tyre construction makes it ideal for regrooving and retreading, extending tyre life even further

SLIM BEAD

TSP3000 - Trailer

Boost your efficiency

- Highly durable trailer tyre,
- Good resistance to irregular wear for excellent mileage
- Quality casings ideal for regrooving and retreading

ON/OFF ROAD

FS833 - Steer

Get the job done

NEW

- Durable, reinforced compounds deliver long-lasting performance
- Robust construction minimises the risk of cuts and chips
- The rib lug pattern design gives you the steering and the grip you need
- Retreadable casings extend the life of your tyres even further

M + S | TIE BAR | SLIM BEAD

UT3000 PLUS - All position

Be prepared

- Superb traction both on and off the road
- High resistance to cutting and chipping, even in harsh conditions
- Highly durable tread and casing compound to help you get the most from your tyres
- Excellent retreadability for an even longer lifespan

M + S

FD833 - Drive

Keep on going

NEW

- Really grips the surface thanks to great traction
- New compound ensures high resistance to cuts and chips
- Deep & wide tread blocks truly go the distance
- Cleans itself as you drive for consistent performance

M + S | TIE BAR | SLIM BEAD

FT833 - Trailer

Carry more, carry it further

- Great ON/OFF capabilities to tackle any surface condition with confidence
- Long tyre life thanks to solid resistance to irregular wear
- Durable casings deliver high payloads and high mileage
- High resistance to cutting and chipping, so you can just focus on job at hand

M + S | SLIM BEAD | TIE BAR

TMP3000 - Trailer

Power on

- Long-lasting performance, even in tough conditions
- Very even-wearing tyre for performance you can count on, again and again
- Durable tread and casing compound, ensuring excellent mileage
- High resistance to cutting and chipping, making it ideal for ON/OFF applications

M + S

VAN TYRES

VANHAWK

Keep on delivering

- Excellent durability and long tyre life
- Balanced for grip and comfort
- Confident wet-weather handling

F-580C

Keep on delivering

- Good tyre economy due to long tyre life and high durability
- Excellent handling characteristics for safe daily driving
- Confident wet-weather handling

WINTER

VANHAWK WINTER

Your reliable partner

- Solid performance on compacted snow-and wet surfaces
- Optimized block and sipe edging for superior traction on snow
- Robust construction for ensured durability

M + S

WINTERHAWK C

For businesses on the move

- High-traction tread design for outstanding winter performance
- Advanced carcass design for guaranteed durability
- Precise steering and handling in all winter conditions

M + S

SIZE AVAILABILITY

Pattern	Size	Load index	Speed symbol				M+S		
On road									
FS422	295/80 R 22.5	152/148	M	D	B	71 dB			NEW
	315/80 R 22.5	156/150	L	D	B	70 dB			
		154/150	M						
	315/70 R 22.5	154/150	L	D	B	71 dB			
		152/148	M						NEW
FS400	8.5 R 17.5	121/120	M	**					
	9.5 R 17.5	129/127	M	E	B	74 dB			
	205/75 R 17.5	124/122	M	**					
	215/75 R 17.5	126/124	M	D	B	73 dB			
	225/75 R 17.5	129/127	M	D	B	74 dB			
	235/75 R 17.5	132/130	M	D	B	75 dB			
	245/70 R 19.5	136/134	M	D	B	72 dB			
	265/70 R 19.5	140/138	M	D	B	74 dB			
	285/70 R 19.5	145/143	M	D	B	76 dB			
	12 R 22.5	152/148	L	D	B	73 dB			
	295/80 R 22.5	152/148	M	D	B	72 dB			
	275/70 R 22.5	148/145	M	D	B	74 dB			
	315/70 R 22.5	152/148	M	C	B	73 dB			
		(154/150)	L						
PSD3000	315/80 R 22.5	154/150	M	E	D	78 dB	✔		
FD622	295/80 R 22.5	152/148	M	E	C	73 dB	✔	✔	NEW
	315/80 R 22.5	156/150	L	E	B	72 dB	✔	✔	
		154/150	M						
	315/70 R 22.5	154/150	L	E	B	75 dB	✔	✔	
		152/148	M						NEW
FD600	8.5 R 17.5	121/120	M	**					
	9.5 R 17.5	129/127	M	F	C	72 dB	✔		
	205/75 R 17.5	124/122	M	**					
	215/75 R 17.5	126/124	M	F	C	74 dB	✔		
	225/75 R 17.5	129/127	M	E	C	72 dB	✔		
	235/75 R 17.5	132/130	M	F	C	73 dB	✔		
	245/70 R 19.5	136/134	M	F	C	74 dB	✔		
	265/70 R 19.5	140/138	M	D	C	72 dB	✔		
	285/70 R 19.5	145/143	M	F	C	73 dB	✔		
	12 R 22.5	152/148	L	F	C	74 dB	✔		
	295/80 R 22.5	152/148	M	F	C	73 dB	✔		
	275/70 R 22.5	148/145	M	F	C	74 dB	✔		
	315/70 R 22.5	152/148	M	F	C	78 dB	✔		
		(154/150)	L						
FT522	385/65 R 22.5***	160	J	C	B	70 dB			
TSP3000	9.5 R 17.5	143/141	J	D	D	72 dB			
	215/75 R 17.5	135/133	J	E	C	71 dB			
	235/75 R 17.5	143/141	J	D	D	70 dB			
	245/70 R 17.5	143/141	J	D	D	71 dB			
	265/70 R 19.5	143/141	J	D	B	70 dB			
	285/70 R 19.5	150/148	J	D	C	70 dB			
	315/80 R 22.5	154/150	M	**					
	425/65 R 22.5	165	K	C	D	70 dB			

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

* *20 inch sizes ON/OFF still available in non Plus specification.*

** *Not in scope of regulation.*

*** *FRT marked tyre.*

Pattern	Size	Load index	Speed symbol				M+S		
On/Off road									
FS833	13 R 22.5	156/150	K	C	B	70 dB	✔	✔	NEW
	315/80 R 22.5	156/150	K	C	B	70 dB	✔	✔	NEW
UT3000 Plus	9.00 R 20*	144/142	K	E	C	70 dB	✔		
	11 R 22.5	148/145	K	E	C	70 dB	✔		
	12 R 22.5	152/148	K	D	C	72 dB	✔		
	295/80 R 22.5	152/148	K	D	C	71 dB	✔		
FD833	13 R 22.5	156/150	K	D	B	75 dB	✔	✔	NEW
	315/80 R 22.5	156/150	K	D	B	75 dB	✔	✔	NEW
FT833	385/65 R 22.5	160	K	C	B	71 dB	✔		NEW
TMP3000	265/70 R 19.5	143/141	J	E	C	73 dB	✔		
	275/70 R 22.5	148/145	K	D	D	71 dB	✔		
	445/65 R 22.5	169	K	D	C	72 dB	✔		

Pattern	Size	Load index	Speed symbol				M+S		
Vans									
VANHAWK	185/82 R 14	102/100	R	G	B	72 dB			
	195/82 R 14	106/104	R	F	B	73 dB			
	185/75 R 14	102/100	R	G	B	73 dB			
	195/70 R 15	104/102	R	F	C	72 dB			
	205/70 R 15	106/104	R	F	C	73 dB			
	215/70 R 15	109/107	R	F	B	70 dB			
	225/70 R 15	112/110	R	F	C	71 dB			
	205/65 R 15	102/100	T	E	E	70 dB			
	215/65 R 15	104/102	T	E	C	70 dB			
	175/75 R 16	101/99	R	G	B	72 dB			
	185/75 R 16	104/102	R	F	B	71 dB			
	195/75 R 16	107/105	R	F	B	73 dB			
	205/75 R 16	110/108	R	F	C	73 dB			
	215/75 R 16	113/111	R	F	C	73 dB			
	195/65 R 16	100/98	T	F	C	73 dB			
		104/102	R	F	C	72 dB			
	205/65 R 16	107/105	T	E	C	72 dB			
	215/65 R 16	106/104	T	E	C	70 dB			
		109/107	R	E	C	70 dB			
	225/65 R 16	112/110	R	F	C	73 dB			
	235/65 R 16	115/113	R	E	C	70 dB			
F-580C	165/70 R 14	89/87	R	F	A	70 dB			
	175/65 R 14	90/88	T	F	B	73 dB			
	195/60 R 16	99/97	H	F	A	73 dB			
VANHAWK WINTER	185/82 R 14	102	Q	G	B	73 dB	✔	✔	
	195/70 R 15	104	R	G	B	73 dB	✔	✔	
	215/70 R 15	109	R	F	B	73 dB	✔	✔	
	225/70 R 15	112	R	F	C	73 dB	✔	✔	
	195/75 R 16	107	R	F	B	73 dB	✔	✔	
	205/75 R 16	110	R	E	B	73 dB	✔	✔	
	215/75 R 16	113	R	E	B	73 dB	✔	✔	
	195/65 R 16	104	R	F	C	73 dB	✔	✔	
	205/65 R 16	107	R	F	C	73 dB	✔	✔	
	215/65 R 16	109	T	F	C	73 dB	✔	✔	
	225/65 R 16	112	R	F	C	73 dB	✔	✔	
	235/65 R 16	115	R	F	C	73 dB	✔	✔	
WINTERHAWK C	165/70 R 14	89/87	R	F	C	72 dB	✔	✔	
	175/65 R 14	90/88	T	F	B	71 dB	✔	✔	
	205/65 R 15	102/100	T	F	B	74 dB	✔	✔	
	215/65 R 16	106/104	T	F	C	74 dB	✔	✔	
	195/60 R 16	99/97	T	F	B	73 dB	✔	✔	

EUROPEAN TYRE LABEL REGULATION

REGULATION (EC) No 1222/2009

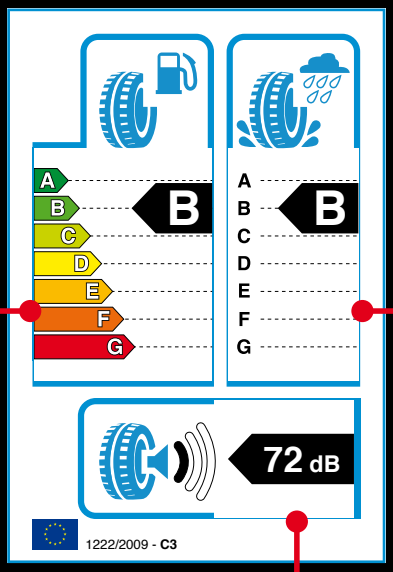
Since 1 November 2012, new tyre label regulations are in force to help promote safer, more economical and more environmentally friendly road transport in Europe. The new labels indicate tyre performance in three key areas: braking in wet conditions, exterior noise and rolling resistance.

FUEL EFFICIENCY

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

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

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



WET GRIP

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

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

EXTERIOR NOISE

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

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

1 sound wave
= 3dB already less than the future European limit

2 sound waves
= already compliant with the future European limit

3 sound waves
= compliant with the current European limit

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

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

INFO

FRT (FREE ROLLING TYRE)

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

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

M+S MARKING (MUD + SNOW)

- **Definition**
  The M+S marking relates to the tyre's tread pattern, tread compound or structure specially designed to improve grip and braking performance in mud and fresh or melting snow *(ECE 54 Regulation)*.

ALPINE MARKING

- **Definition**
  All our tyres carrying the Alpine (or Three Peak Mountain Snowflake) marking are suitable for use in severe winter conditions*. Even on icy surfaces these tyres provide superior grip and reduced braking distance compared to normal tyres.
  ** UNECE Reg. 117.02 (01/11/12)*

TECHNOLOGY GUIDE

FEATURES		FUNCTION	BENEFIT
	FS422	Combats the likelihood of river wear and other irregular wear types occuring on the tyres' inner ribs.	Improved wear life through reduced irregular wear.
	FS400 **FS422**	Reduces noise.	Driver's comfort. Help to meet severest noise regulation standards.
	FS422 FS833 **FD622 FD833** **FT522 FT833**	Reduced bead filler volume and tyre weight (~1,5 Kg) without compromising the tyre durability.	Fuel savings.
	FS400 **FS422**	Eject stones from the ribs.	Reduction in stone drilling. Improved casing retreadability and value.
	FS833 **FD833** **FT833**	The tie-bars between the tread blocks in the shoulder area increases circumferential stiffness.	The increased stiffness minimises heel and toe wear which leads to a longer service life, reduction of the need to turn the tyres to even the wear and reduction of tyre maintenance costs. Quiet running with less heel and toe wear.
	FD622	Disperses water quickly away from the centre of the tyre and into the main grooves allowing a full footprint in wet conditions.	High level of wet handling and braking for improved ride comfort and safety.
	FS422	Reduces the noise generated by a regular pattern spacing. The overall noise level is reduced by spreading the frequency range.	Noise level reduced both externally and internally to the vehicle. Comfort improved, especially in bus & coaches.

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