

BLACKLION

TRUCK & BUS TIRES CATALOG

Long Haul / Regional / On & OFF Road / Off Road / Urban



Jinyu firmly adheres to the enterprise spirit, "Common benefit is above all" and the company's target of "Providing the customers with excellent quality products and a high level of service." We insist on focusing on our customer's demands, committing to our promises, operating ethically, and developing scientifically to maximize the common benefit of consumers, distributors, suppliers, employees, shareholders, communities, governments, enterprises and other related parties.

"Common benefit is above all"!



ENTERPRISE VISION



BLACKLION

TRUCK & BUS TIRE

Long Haul / Regional / On&Off Road / Off Road / Urban



To be the best tire supplier, trusted globally and able to provide the best value and experience to customers and end-users.



ENTERPRISE MISSION

Concentrate on rubber tire technology and service development and application;
Commit ourselves to providing customers the best value and experience.

ENTERPRISE INTRODUCTION

Enterprise Profile

JINYU Tire Group Co., Ltd. was founded in 1995, which is a professional tire R & D and manufacturing enterprise. The company has total assets of 5.5 billion Yuan and there are more than 3500 employees. By equipped with advanced tire production, research and development, testing equipment and professional technology, management team, the company has established a sound quality management system. There are two plants respectively located in China and Vietnam with total capacity of 6 million pcs/year. The company has set up sales centers in North America, Europe, Vietnam and other countries in local operation. The sales network covers more than 100 countries and regions in the Middle East, Asia, Europe, the United States, Africa and so on.

Jinyu Certificates

The company has obtained certificates like CCC, DOT, ECE, INMETRO, ISO/TS16949, GCC, SONCAP, TBS, SARS and so on. The company's laboratory has been certified by CNAS and ISO/IEC 17025 and obtained many national Patents.

Research and Development

The company believes proving excellent quality is a way of life and takes every opportunity to instill this value throughout the entire enterprise. As proof of this commitment, a considerable investment has been made in R&D over the last 20 years. The R&D center not only utilizes advanced equipment but also commits to having efficient operations and maintaining a strong teamwork culture. The team is hyper-focused on marketing, product planning, formula research and development, as well as, structure design and product testing.

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BLACKLION PATTERN REFERENCE

Long Haul

Regional

Vehicle
Road



Steer



07 BF188 **08 BT165** **09 BF196**

Drive



11 BD165 **12 BD177**



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Trailer



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All-position

On & Off Road



Coach & Urban



Winter



10 BW293



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24 BA226 25 BLR01 26 BA220



27 BU123 28 BC121

BF188

Suitable Conditions

Medium and long mileage truck running on paved and highway roads



- ☑ Low Heat Generation
- ☑ High Wear Resistance
- ☑ Economy and Environment Friendly
- ☑ Outstanding Handling and Brake Performance on Wet



● Suitable ● Recommend



Size	Load Index	Tread Depth (mm)				M+S	
11R22.5	146/143L	16.5	C	C	71 / A	✓	✓
205/75R17.5	124/122M	13.0	C	C	71 / A	✓	✓
215/75R17.5	128/126(135/133)M(L)	12.5	C	C	71 / A	✓	✓
235/75R17.5	132/130(143/141)M(L)	13.0	C	C	71 / A	✓	✓
245/70R17.5	136/134(143/141)M(J)	13.5	C	C	71 / A	✓	✓
245/70R19.5	136/134(144/142)M(J)	13.0	C	C	71 / A	✓	✓
265/70R19.5	140/138(143/141)M(J)	13.5	C	C	71 / A	✓	✓
275/70R22.5	148/145M	15.0	C	C	71 / A	✓	✓
285/70R19.5	145/143(146/144)M(L)	14.5	C	C	71 / A	✓	✓
295/60R22.5	150/147L	15.0	C	C	71 / A	✓	✓
295/80R22.5	152/149M	16.0	C	C	71 / A	✓	✓
315/60R22.5	154/150L	14.5	C	C	71 / A	✓	✓
315/70R22.5	156/150L	15.5	C	C	71 / A	✓	✓
315/80R22.5	156/150(154/150)L(M)	17.0	C	C	71 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT165

Suitable Conditions

Medium and long mileage trucks running on paved and highway roads







- Ultra Wear Resistance
- Outstanding High Speed Performance
- Excellent Durability



Suitable Recommend



Size	Load Index	Tread Depth (mm)				M+S	
205/75R17.5	124/122M	13.0	D	B	73 / B	✓	✓
215/75R17.5	128/126(135/133)M(L)	12.5	D	B	73 / B	✓	✓
235/75R17.5	132/130(143/141)M(L)	13.0	D	B	73 / B	✓	✓
295/80R22.5	154/149M	16.0	C	B	73 / B	✓	✓
315/70R22.5	156/150L	15.5	C	B	73 / B	✓	✓
315/80R22.5	156/150(154/150)L(M)	17.0	C	B	73 / B	✓	✓
385/55R22.5	160K	13.5	B	B	70 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BF196

Suitable Conditions

Medium and long mileage trucks running on paved and highway roads







- ☑ Ultra Wear Resistance
- ☑ Outstanding High Speed Performance
- ☑ Excellent Durability



Recommend



Size	Load Index	Tread Depth (mm)				M+S	
385/55R22.5	160K	13.5	B	B	70 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BW293

Suitable Conditions

Medium and long mileage truck running on paved and highway roads








- ✓ Outstanding Handling and Brake Performance on Wet
- ✓ Excellent Low-temperature Performance
- ✓ Superior Rraction on Snow



Recommend



Size	Load Index	Tread Depth(mm)					
385/65R22.5	164K	15.0	D	B	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD165

Suitable Conditions

Medium and long mileage vehicles running on paved roads







- Low Heat Generation
- High Wear Resistance
- Excellent Grip
- Economy and Environment Friendly



 Recommend



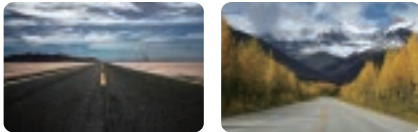
Size	Load Index	Tread Depth (mm)				M+S	
315/70R22.5	156/150L	18.0	D	C	74 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD177

Suitable Conditions

Medium and long mileage vehicles running on paved roads







- Low Heat Generation
- High Wear Resistance
- Outstanding Handling and Brake Performance on Wet
- Excellent CPK



 Recommend



Size	Load Index	Tread Depth(mm)				M+S	
265/70R19.5	140/138(143/141)M(J)	15.5	C	B	74 / B	✓	✓
275/70R22.5	148/145M	18.0	C	B	74 / B	✓	✓
285/70R19.5	145/143(146/144)M(L)	16.0	C	B	74 / B	✓	✓
295/60R22.5	150/147L	18.0	C	B	74 / B	✓	✓
295/80R22.5	152/149L	19.0	C	B	74 / B	✓	✓
315/60R22.5	152/148L	18.0	C	B	74 / B	✓	✓
315/70R22.5	156/150L	19.0	C	B	74 / B	✓	✓
315/80R22.5	156/150(154/150)L(M)	20.0	C	B	74 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD175

Suitable Conditions

Medium and long mileage trucks running on paved and highway roads







- Low Heat Generation
- High Wear Resistance
- Excellent Grip
- Economy and Environment Friendly



 Recommend



Size	Load Index	Tread Depth (mm)				M+S	
11R22.5	146/143K	20.0	D	C	75 / B	✓	✓
205/75R17.5	124/122M	15.0	D	C	75 / B	✓	✓
215/75R17.5	128/126(135/133)M(L)	15.0	D	C	75 / B	✓	✓
235/75R17.5	132/130(143/141)M(L)	15.0	D	C	75 / B	✓	✓
245/70R19.5	136/134(144/142)M(J)	15.5	D	C	75 / B	✓	✓
295/60R22.5	150/147L	19.0	D	C	75 / B	✓	✓
295/80R22.5	152/149M	22.0	D	C	75 / B	✓	✓
315/60R22.5	152/148L	20.0	D	C	75 / B	✓	✓
315/70R22.5	156/150L	20.0	D	C	75 / B	✓	✓
315/80R22.5	156/150(154/150)L(M)	23.0	D	C	75 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD210

Suitable Conditions

Good medium to high mileage vehicles running on paved and unpaved roads




- Tear and Cut Resistance
- Excellent Grip
- Anti Damage on Tread



● Recommend



Size	Load Index	Tread Depth (mm)				M+S	
315/80R22.5	156/153K	22.0	C	B	74 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD280

Suitable Conditions

Dump truck tire drive position tire used for medium to good distances on mixed road surfaces



- Tear Resistance
- Anti Damage on Tread
- Strong Constructure



● Recommend



Size	Load Index	Tread Depth(mm)		M+S	
11R22.5	148/145K	19.0		✓	POR
13R22.5	156/150K	20.0		✓	POR
315/80R22.5	156/150(154/150)J(K)	20.5		✓	POR

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BD290





Suitable Conditions

Good medium to high mileage vehicles running on paved and unpaved roads



- Tear and Cut Resistance
- Excellent Grip
- Anti Damage on Tread



Size	Load Index	Tread Depth(mm)				M+S	
13R22.5	156/150K	22.0	D	C	75 / B	✓	✓
295/80R22.5	154/149K	21.0	D	C	75 / B	✓	✓
315/80R22.5	156/150(154/150)J(K)	21.5	D	C	75 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BW292

Suitable Conditions

Medium and long mileage truck running on paved and highway roads







- ☑ Excellent Low-temperature Performance
- ☑ Excellent Stability on Handling
- ☑ Superior Traction on Snow



● Recommend



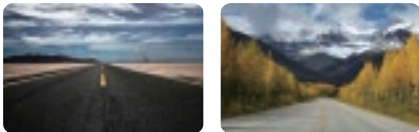
Size	Load Index	Tread Depth(mm)				M+S	
275/70R22.5	148/145L	20.5	D	B	73/B	✓	✓
295/80R22.5	152/149L	22.0	D	B	73/B	✓	✓
315/70R22.5	156/150L	20.5	D	B	73/B	✓	✓
315/80R22.5	156/153K	20.5	D	B	73/B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT107

Suitable Conditions

Medium and long mileage vehicles running on paved roads



- Ultra Wear Resistance
- Excellent Stability on Handling
- Excellent Durability



Recommend



Size	Load Index	Tread Depth (mm)				M+S	
235/75R17.5	143/141J	13.0	B	C	71 / A	✓	✓
245/70R17.5	143/141J	13.0	B	C	71 / A	✓	✓
*245/70R19.5	144/142J	13.5	B	C	71 / A	✓	✓
265/70R19.5	143/141J	13.0	B	C	71 / A	✓	✓

*Coming soon

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT160

Suitable Conditions

Medium and long mileage vehicles running on paved roads



- ☑ Low Heat Generation
- ☑ Outstanding Handling and Brake Performance on Wet
- ☑ Excellent CPK



● Suitable ● Recommend



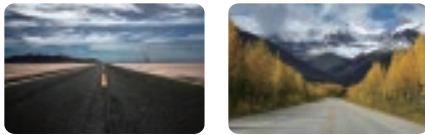
Size	Load Index	Tread Depth (mm)				M+S	
385/55R22.5	160K	14.5	C	C	73 / B	✓	✓
385/65R22.5	164K	15.5	C	C	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT163


Suitable Conditions

Medium and long mileage vehicles running on paved roads




- Low Heat Generation
- Outstanding Handling and Brake Performance on Wet
- Excellent CPK



 Recommend



Size	Load Index	Tread Depth (mm)				M+S	
385/65R22.5	164K	16.0	B	B	70 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT188

Suitable Conditions

Medium and long mileage vehicles running on paved roads







- ✓ Outstanding Handling and Brake Performance on Wet
- ✓ Low Heat Generation
- ✓ High Wear Resistance
- ✓ Excellent CPK



 Recommend



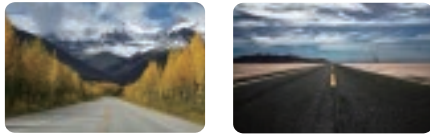
Size	Load Index	Tread Depth (mm)				M+S	
435/50R19.5	160J	12.5	C	C	71 / A	✓	✓
445/45R19.5	160J	13.0	C	C	71 / A	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT180

Suitable Conditions

Medium and long mileage vehicles running on paved roads



- Ultra Wear Resistance
- Long Mileage
- Excellent Durability



Recommend



Size	Load Index	Tread Depth (mm)				M+S	
385/65R22.5	164K	17.0	B	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BT269

Suitable Conditions

Woodland road conditions







- Tear Resistance
- Reduce Stone Trapping
- High Load Capacity



Recommend



Size	Load Index	Tread Depth(mm)				M+S	
265/70R19.5	143/141J	15.5	C	C	73/B	✓	✓
275/70R22.5	148/145K	17.0	C	C	73/B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BA226

Suitable Conditions

Good medium to high mileage vehicles running on paved and unpaved roads







- Tear Resistance
- Excellent Grip
- Adapt to Various Road Conditions



Recommend



Size	Load Index	Tread Depth (mm)				M+S	
385/65R22.5	164K	17.5	D	B	73 / B	✓	✓
425/65R22.5	165K	17.5	D	B	73 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BLR01

Suitable Conditions

Medium and long mileage trucks running on paved and unpaved roads



- Good Handling
- Adapt to Various Road Conditions
- Excellent CPK



Size	Load Index	Tread Depth (mm)				M+S	
11R22.5	148/145M	16.0	D	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BA220


Suitable Conditions

Medium and long mileage trucks running on paved and unpaved roads







- Ultra Wear Resistance
- High Stability on Handling
- High Load Capacity



 Recommend



Size	Load Index	Tread Depth (mm)				M+S	
13R22.5	156/150K	18.0	D	C	72 / B	✓	✓
315/80R22.5	156/150(154/150)L(M)	17.0	D	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BU123

Suitable Conditions

Medium and long mileage vehicles running on paved roads




- Ultra Wear Resistance
- Damage Resistance On Sidewall
- Long Life



● Recommend



Size	Load Index	Tread Depth(mm)				M+S	
275/70R22.5	152/148J	20.5	C	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2 lbs

BC121

Suitable Conditions



- ☑ Ultra Wear Resistance
- ☑ Superior Ride Comfort
- ☑ Outstanding Handling and Brake Performance on Wet



Recommend



Size	Load Index	Tread Depth (mm)				M+S	
295/80R22.5	152/149M	15.0	C	C	72 / B	✓	✓

1inch=25.4mm 1kPa=0.142psi 1KG≈2.2lbs

TECHNICAL DATA

		SIZE	PATTERN	LOAD INDEX	STANDARD RIM(inch)	INFLATED TYRE DIMENTION(mm)		
						D	B	
LONG HAUL	TRAILER	385/65R22.5	BT163	164K	11.75	1072	389	
		435/50R19.5	BT188	160J	14.00	931	438	
		445/45R19.5		160J	15.00	895	446	
REGIONAL	DRIVE	11R22.5	BD175	146/143K	8.25	1065	279	
		205/75R17.5		124/122M	6.00	753	205	
		215/75R17.5		128/126(135/133)M(L)	6.00	767	211	
		235/75R17.5		132/130(143/141)M(L)	6.75	797	233	
		245/70R19.5		136/134(144/142)M(J)	8.00	839	248	
		295/60R22.5		150/147L	9.00	926	292	
		295/80R22.5		152/149M	9.00	1044	298	
		315/60R22.5		152/148L	9.75	950	313	
		315/70R22.5		156/150L	9.00	1014	312	
		315/80R22.5		156/150(154/150)L(M)	9.00	1076	312	
		TRAILER	385/65R22.5	BT180	164K	11.75	1072	389
	ON & OFF ROAD	DRIVE	315/80R22.5	BD210	156/153K	9.00	1076	312
11R22.5			BD280	148/145K	8.25	1059	279	
13R22.5				156/150K	9.75	1124	320	
315/80R22.5				156/150(154/150)J(K)	9.00	1076	312	
13R22.5				156/150K	9.75	1136	320	
295/80R22.5				BD290	154/149K	9.00	1044	298
315/80R22.5		156/150(154/150)J(K)		9.00	1076	312		
		TRAILER	265/70R19.5	BT269	143/141J	7.50	867	262
			275/70R22.5		148/145K	8.25	958	276
		ALL POSITION	385/65R22.5	BA226	164K	11.75	1072	389
			425/65R22.5		165K	12.25	1124	422
			11R22.5	BLR01	148/145M	8.25	1054	279
	13R22.5		BA220	156/150K	9.75	1124	320	
	315/80R22.5	156/150(154/150)L(M)		9.00	1076	312		
Urban	ALL POSITION	275/70R22.5	BU123	152/148J	8.25	958	276	
Coach	ALL POSITION	295/80R22.5	BC121	154/149M	9.00	1044	298	
Winter	STEER	385/65R22.5	BW293	164K	11.75	1072	389	
	DRIVE	275/70R22.5	BW292	148/145L	8.25	958	276	
		295/80R22.5		152/149L	9.00	1044	298	
		315/70R22.5		156/150L	9.00	1014	312	
		315/80R22.5		156/153K	9.00	1076	312	

LOAD				PRESSURE		SIZE	PATTERN	
KG		LBS		KPA	PSI			
5000		11000		900	130	385/65R22.5	BT163	LONG HAUL
4500		9920		900	130	435/50R19.5	BT188	
4500		9920		900	130	445/45R19.5		
3000	2725	6610	6010	850	123	11R22.5	BD175	REGIONAL
1600	1500	3525	3310	750	110	205/75R17.5		
2180	2060	4805	4540	860	125	215/75R17.5		
2725	2575	6005	5675	860	125	235/75R17.5		
2800	2650	6175	5840	900	130	245/70R19.5		
3350	3075	7390	6780	900	130	295/60R22.5		
3550	3250	7825	7165	900	130	295/80R22.5		
3550	3150	7825	6945	900	130	315/60R22.5		
4000	3350	8820	7385	900	130	315/70R22.5		
4000	3650	8820	8045	850	125	315/80R22.5		
5000		11000		900	130	385/65R22.5	BT180	ON & OFF ROAD
4000	3650	8820	8045	850	125	315/80R22.5	BD210	
3150	2900	6945	6395	840	120	11R22.5	BD280	
4000	3350	8820	7390	900	130	13R22.5		
4000	3650	8820	8045	850	125	315/80R22.5	BD290	
4000	3350	8820	7390	900	130	13R22.5		
3550	3250	7825	7165	900	130	295/80R22.5		
4000	3650	8820	8050	850	125	315/80R22.5		
2725	2575	6005	5675	900	130	265/70R19.5	BT269	
3150	2900	6940	6395	900	130	275/70R22.5		
5000		11000		900	130	385/65R22.5	BA226	Winter
5150		11400		830	120	425/65R22.5	BLR01	
3150	2900	6945	6395	840	120	11R22.5		
3750	3450	8270	7610	830	120	13R22.5	BA220	
4000	3650	8820	8045	850	125	315/80R22.5		
3150	2900	6940	6395	900	130	275/70R22.5	BU123	
3550	3250	7825	7165	930	135	295/80R22.5	BC121	
5000		11000		900	130	385/65R22.5	BW293	Winter
3150	2900	6940	6395	900	130	275/70R22.5	BW292	
3550	3250	7825	7165	900	130	295/80R22.5		
4000	3350	8820	7385	900	130	315/70R22.5		
4000	3650	8820	8045	850	125	315/80R22.5		

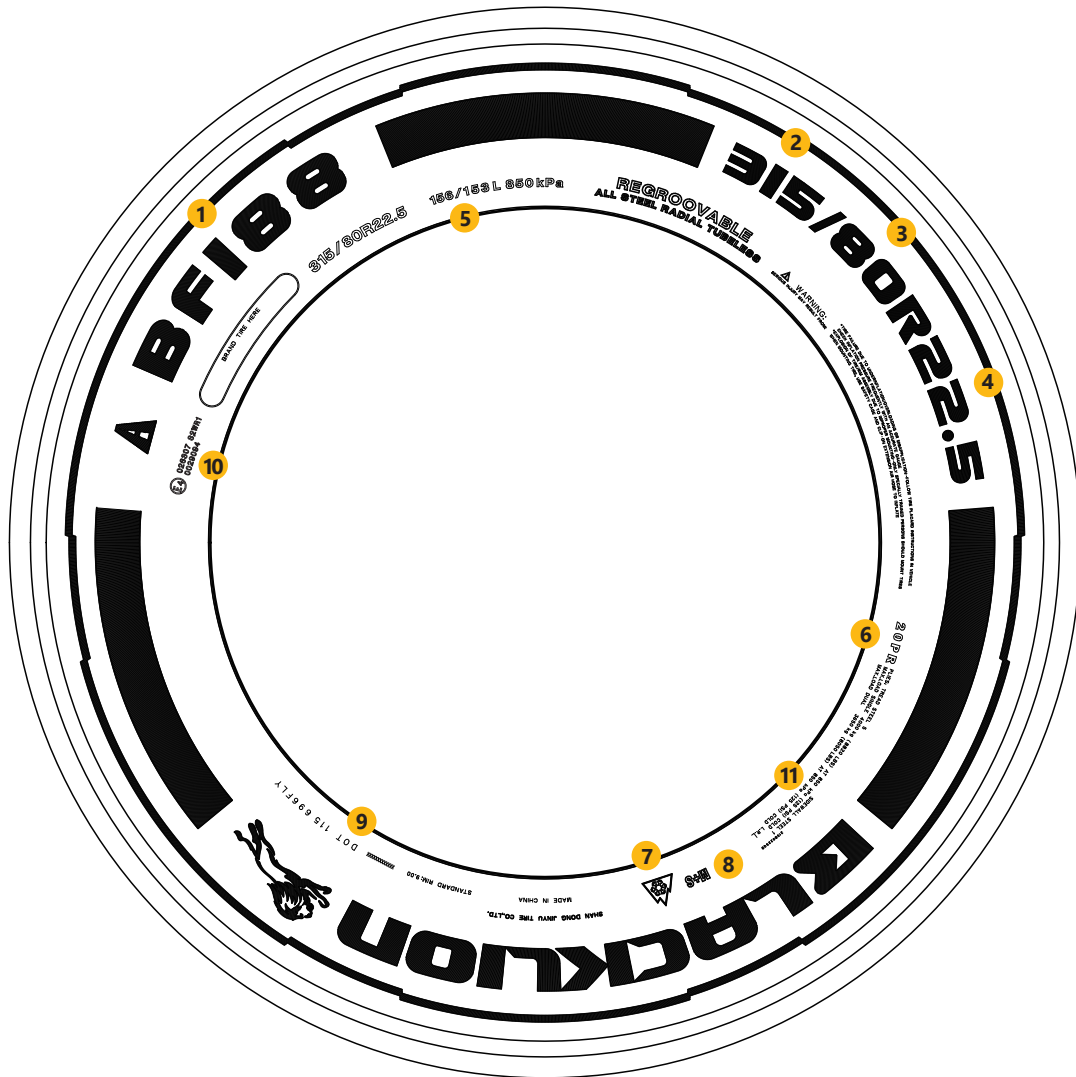
TECHNICAL DATA

	SIZE	PATTERN	LOAD INDEX	STANDARD RIM(inch)	INFLATED TYRE DIMENTION(mm)		
					D	B	
LONG HAUL	11R22.5	BF188	146/143L	8.25	1054	279	
	205/75R17.5		124/122M	6.00	753	204	
	215/75R17.5		128/126(135/133)M(L)	6.00	767	211	
	235/75R17.5		132/130(143/141)M(L)	6.75	797	233	
	245/70R17.5		136/134(143/141)M(J)	7.50	789	248	
	245/70R19.5		136/134(144/142)M(J)	7.50	839	248	
	265/70R19.5		140/138(143/141)M(J)	7.50	867	262	
	275/70R22.5		148/145M	8.25	958	276	
	285/70R19.5		145/143(146/144)M(L)	8.25	895	283	
	295/60R22.5		150/147L	9.00	926	292	
	STEER 295/80R22.5		152/149M	9.00	1044	298	
	315/60R22.5		154/150L	9.75	950	313	
	315/70R22.5		156/150L	9.00	1014	312	
	315/80R22.5		156/150(154/150)L(M)	9.00	1076	312	
	205/75R17.5		124/122M	6.00	753	205	
	215/75R17.5		128/126(135/133)M(L)	6.00	767	211	
	235/75R17.5		132/130(143/141)M(L)	6.75	797	233	
	295/80R22.5		BT165	154/149M	9.00	1044	298
	315/70R22.5		156/150L	9.00	1014	312	
	315/80R22.5		156/150(154/150)L(M)	9.00	1076	312	
	385/55R22.5		BF196	160K	12.25	996	386
	315/70R22.5		BD165	156/150L	9.00	1014	312
	265/70R19.5		BD177	140/138(143/141)M(J)	7.50	867	262
	275/70R22.5			148/145M	8.00	958	276
	285/70R19.5			145/143(146/144)M(L)	8.25	895	283
	DRIVE 295/60R22.5			150/147L	9.00	926	292
	295/80R22.5			152/149L	9.00	1044	298
	315/60R22.5			152/148L	9.75	950	313
315/70R22.5	156/150L	9.00		1014	312		
315/80R22.5	156/150(154/150)L(M)	9.00		1076	312		
235/75R17.5	BT107	143/141J	6.75	797	233		
245/70R17.5		143/141J	7.50	789	248		
245/70R19.5		144/142J	7.50	839	248		
TRAILER 265/70R19.5	BT160	143/141J	7.50	867	262		
385/55R22.5		160K	12.25	996	386		
385/65R22.5		164K	11.75	1072	389		

	LOAD		PRESSURE		SIZE	PATTERN	
	KG	LBS	KPA	PSI			
3000	2725	6610	6005	830	120	11R22.5	
1600	1500	3525	3310	750	110	205/75R17.5	
2180	2060	4805	4540	860	125	215/75R17.5	
2725	2575	6005	5675	860	125	235/75R17.5	
2240	2120	4940	4675	850	123	245/70R17.5	
2800	2650	6175	5840	900	130	245/70R19.5	
2725	2575	6005	5675	900	130	265/70R19.5	BF188
3150	2900	6940	6395	900	130	275/70R22.5	
3350	3150	7390	6945	900	130	285/70R19.5	
3350	3075	7390	6780	900	130	295/60R22.5	
3550	3250	7825	7165	900	130	295/80R22.5	
3550	3150	7825	6945	900	130	315/60R22.5	
4000	3350	8820	7385	900	130	315/70R22.5	
4000	3650	8820	8045	850	125	315/80R22.5	
1600	1500	3525	3310	750	110	205/75R17.5	
2180	2060	4805	4540	860	125	215/75R17.5	
2725	2575	6005	5675	860	125	235/75R17.5	
3550	3250	7825	7165	900	130	295/80R22.5	BT165
4000	3350	8820	7385	900	130	315/70R22.5	
4000	3650	8820	8045	850	125	315/80R22.5	
4500		9920		900	130	385/55R22.5	BF196
4000	3350	8820	7385	900	130	315/70R22.5	BD165
2725	2575	6005	5675	900	130	265/70R19.5	
3150	2900	6940	6395	900	130	275/70R22.5	
3350	3150	7390	6945	900	130	285/70R19.5	
3350	3075	7390	6780	900	130	295/60R22.5	BD177
3550	3250	7825	7165	900	130	295/80R22.5	
3550	3150	7825	6945	900	130	315/60R22.5	
4000	3350	8820	7385	900	130	315/70R22.5	
4000	3650	8820	8045	850	125	315/80R22.5	
2725	2575	6005	5675	860	125	235/75R17.5	
2725	2575	6005	5675	875	125	245/70R17.5	BT107
2800	2650	6175	5840	900	130	245/70R19.5	
2725	2575	6005	5675	900	130	265/70R19.5	
4500		9920		900	130	385/55R22.5	BT160
5000		11000		900	130	385/65R22.5	

LONG HAUL

DESIGNATIONS, LOAD AND SPEED INDEX



- 1 Pattern name
- 2 Tire section width(mm)
- 3 Aspect ratio
- 4 Internal diameter in inches corresponding to the rim diameter
- 5 156:Load carrying capacity index for single tire
150:Load carrying capacity index for dual tire
K:Speed symbol
- 6 Number of Ply Rating
Larger Ply Rating=Larger Load Capacity
- 7 The "Alpine symbol 3PMSF(3 Peak Mountain Snow Flake) for all categories of tires, if the tire is designated for usage in snow conditions
- 8 M+S or M.S, or M&S symbols are used in case the tire is designated to deliver better performance in mud or melting snow conditions = better performance then normal usage tire
- 9 North American Department of Transportation compliance symbol and identification number
- 10 Certification ECE54
- 11 Tyre construction and load/pressure details

Refer to the Speed Symbols and Load Capacity Index tables below

● SPEED SYMBOLS ●

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

● LOAD CAPACITY INDEX ●

LI	KG	LI	KG	LI	KG
115	1215	136	2240	157	4125
116	1250	137	2300	158	4250
117	1285	138	2360	159	4375
118	1320	139	2430	160	4500
119	1360	140	2500	161	4625
120	1400	141	2575	162	4750
121	1450	142	2650	163	4875
122	1500	143	2725	164	5000
123	1550	144	2800	165	5150
124	1600	145	2900	166	5300
125	1650	146	3000	167	5450
126	1700	147	3075	168	5600
127	1750	148	3150	169	5800
128	1800	149	3250	170	6000
129	1850	150	3350	171	6150
130	1900	151	3450	172	6300
131	1950	152	3550	173	6500
132	2000	153	3650	174	6700
133	2060	154	3750	175	6900
134	2120	155	3875	176	7100
135	2180	156	4000	177	7300



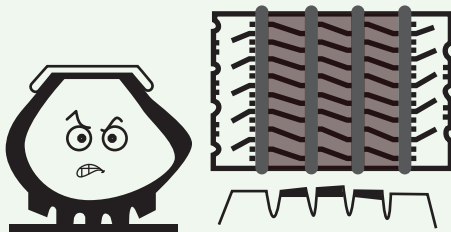
Before fitting, it is essential to check the different markings to ensure that the tires meets the maximum load and speed possibilities and/or the regulations in force.

TIRE PRESSURE MANAGEMENT

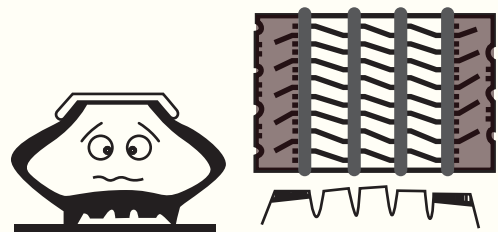
INFLATION PRESSURE RECOMMENDATION

SAFETY

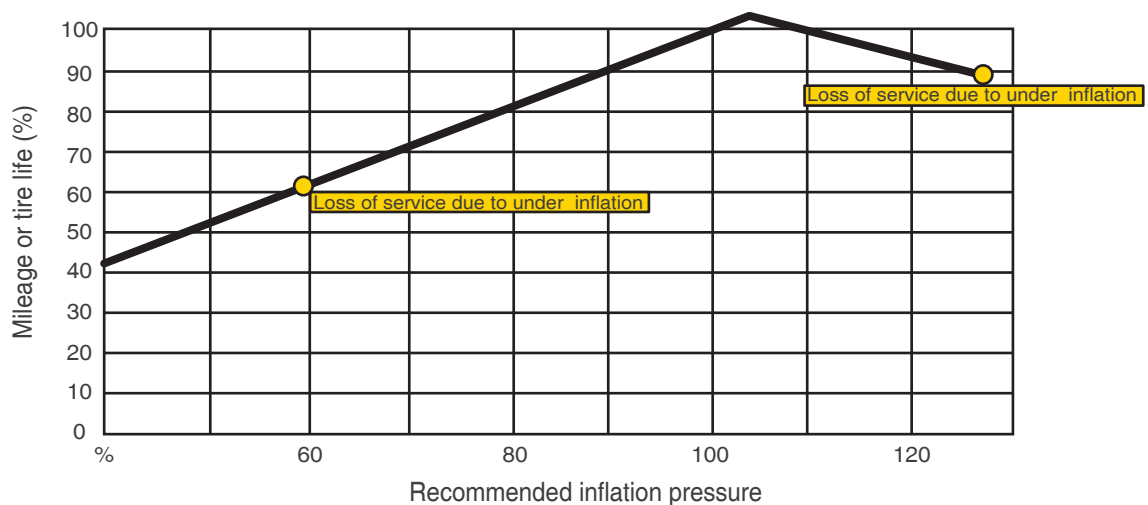
- Over-inflation reduces
 - Comfort
 - Grip
 - Safety
 - Braking distance
 - Tire life span, particularly on drive axle tires



- Under-inflation leads to
 - Reduced vehicle handling and safety
 - A reduction in casing retreadability
 - An increase of fuel consumption



Effect of inflation pressure on tire life

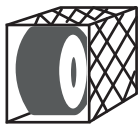


IMPORTANT INSTRUCTIONS FOR SAFE INFLATION

● ADVICE BEFORE INFLATION

- Weight your vehicle and its load, axle by axle, to determine tire pressure.
- Measure the pressure when cold (when the vehicle has been stationary for several hours): pressures must be checked at regular intervals and during each service.
- Important safety instruction: pressure increases when the vehicle is in motion, never reduce the pressure of a hot tire.
- Pressure gauges: must be accurate, handled with care and calibrated regularly.

INFLATION METHOD



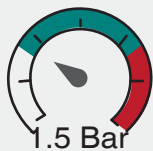
With inflation cage

Place the tire vertically in the inflation cage
Read the cage user manual



Without inflation cage

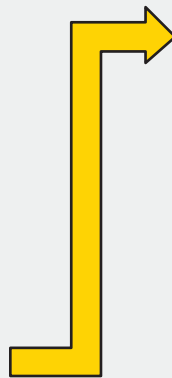
● Step 1 ●



Pre-inflate tire
up to 1.5 bars and STOP



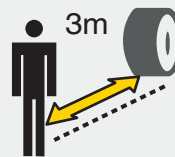
Check the tire.
If you have doubts stop
and call an expert



● Step 2 ●



Inflate up
to the appropriate pressure.



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

TIRE PRESSURE MANAGEMENT

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

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

Contact us for all load capacities greater than the basic load limits given by tire markings and used in this brochure.

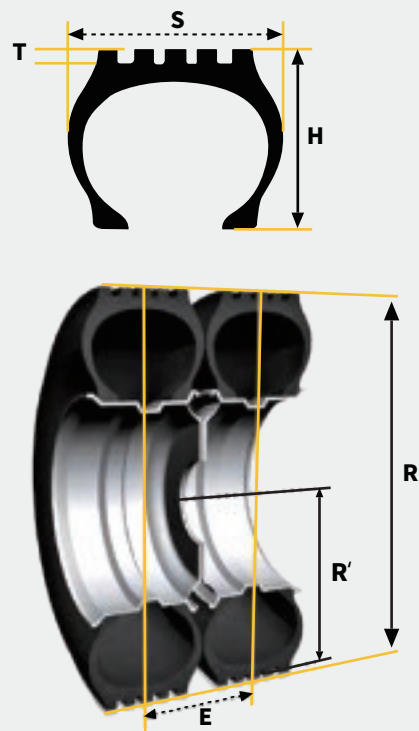
When the coefficients in these tables lead to pressure greater than 10 bars, you must reduce the maximum load capacity to an amount which corresponds to a maximum pressure of 10 bars.

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

Urban-bus or City bus(M3 – class I): + 15% of the load indices marked on the tyre, when the average speed does not exceed 40 km/h.

Sub-urban bus or Interurban bus(M3 – class II): + 10% of the load indices marked on the tyre, when the operating speed is restricted to 60 km/h.

-  **S** Tire Section Width
-  **H** Tire Sidewall Height
-  **R** Unloaded Free Diameter
-  **R'** Static Loaded Radius
-  **D** Rolling Circumference
-  **E** Min. Distance Tire Sidewalls in Twin Fitment
-  **T** Tread Depth



Qualified Warranty Participants

This warranty applies to the original owner or user of any new Blacklion radial truck tire sold through an authorized dealer. Tires eligible for warranty must bear the BLACKLION brand name, a complete D.O.T. serial identification number, not be stamped as Non-Adjustable (NA) and operated in normal driving conditions. Eligible tires must be on the vehicle on which they were originally installed, in conformance with the vehicle manufacturer's recommendations.

These tires are covered by this warranty for the life of the original usable tread depth (the original tread depth down to the level of treadwear indicators molded at 2/32 inch) within 72 months for from the date of purchase (proof of purchase required).

If proof of purchase is not available the coverage will be 72 months from the date of manufacture for all tires.

LABELLING EXPLAINED

EU implemented in 2012 tire labelling requirements regarding the display of information on fuel efficiency, wet grip and the external rolling noise of tires. (Regulation (EC) 1222/2009 with amendments (EC) 228/2011 and (EC) 1235/2011). Its aim was to increase the safety, environmental and economic efficiency of road transport in Europe. The labelling allows end-users to make more informed choices when purchasing tires.

The current labelling has now been in operation for 8 years and has been reviewed from several angles. To further enhance tire safety and environmental information to the public, the regulation (EC) 1222/2009 will be replaced with the upgraded regulation (EU) 2020/740. This regulation will start to apply as of 1 May 2021.

The main upgrades can be summarised:

- >The label layout will follow EU standard environmental protection labelling schemes
- >Public access to label and product information sheet via QR code added to label
- >Reorganisation of label classes. Only classes A-E will be available
- >Introduction of snow grip symbol on label (3PMSF)
- >Label will be added to truck tires (was not required before)

All tires that are placed on EU market as of 20 June 2020, will have to be registered in the EU energy labelling portal (EPREL).

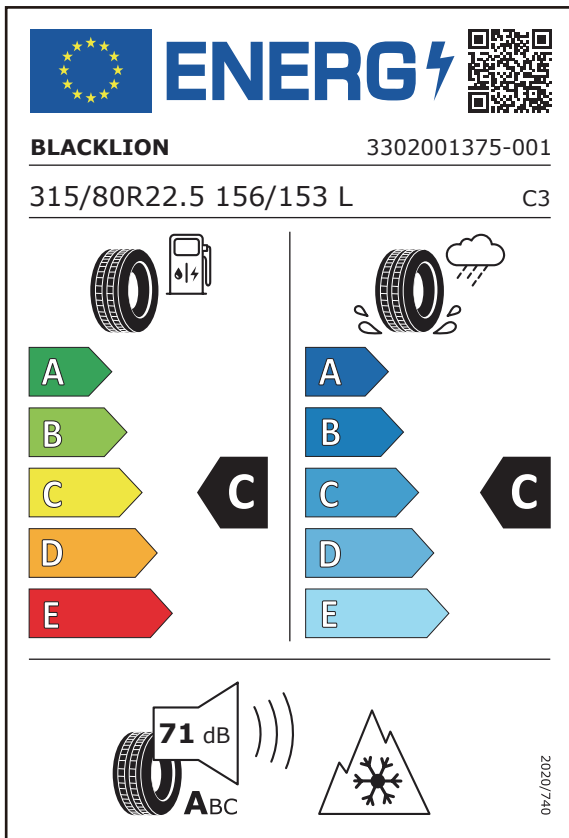
From 1 May 2021, the public will have access, via this EU portal, to information about all tires placed on EU market. Beside access to the digital label itself, a product information sheet can also be accessed.

Product Information Sheet

Delegated Regulation (EU) 2020/740

Supplier name or trademark	BLACKLION
Commercial name or trade designation	BF188
Tyre type identifier	3302001375-001
Tyre size designation	315/80R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	153
Speed category symbol	L
Fuel efficiency class	C
Wet grip class	C
External rolling noise class	A
External rolling noise value	71 dB
Severe snow tyre	Yes
Date of start of production	22/20
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Additional Service Description)	
Load-capacity index (Dual load index for Additional Service Description)	
Speed category symbol (for Additional Service Description)	

We at BLACKLION welcome this upgraded labelling system, we are convinced it will guide our customers towards using safer, quieter and more fuel-efficient tires. Our research and development team have taken great care in designing tires that meet the highest safety and environmental standards, and we are confident it will satisfy our customers.



WHAT DOES THE LABEL TELL YOU?

The truck tire label gives you details about the manufacturer, internal product code, and a description of the tire size and class.

It grades 4 Performance criteria:

- Fuel efficiency
- Wet Grip
- Exterior noise from contact with the road surface
- Snow grip

For fuel efficiency and wet grip, performance is expressed in 5 classes ranging from A (the most efficient) to E (the least efficient).

For noise, the measured value is present on the label together with the letters A, B, and C (A is the lowest noise rating and C is the highest noise rating).



SNOW GRIP

When the label has the 3PMSF symbol, it shows that the tire has passed a regulated objective test, indicating it has min. 25% better snow traction than a so-called SRTT tire. (Standard Reference Test Tire)



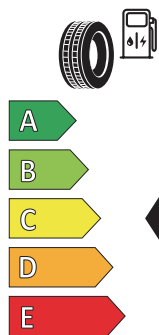
EXTERIOR NOISE

Exterior tire noise levels are split into 3 categories and measured in decibel (dB) in comparison with the EU Regulative noise levels (ECE117).

A = 3 dB less than the current EU limit value for this product

B = Compliant with the current EU limit value for this product

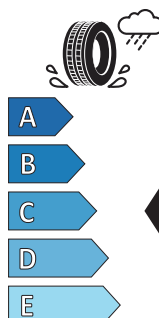
C = Non-compliant with the current EU limit value for this product



FUEL EFFICIENCY

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

The label displays different “rolling resistance” grades, where A is the most “fuel efficient” and E the least efficient in class. The black arrow next to the grading indicates the performance level of the product. Customers should be made aware that actual fuel savings and road safety depend heavily on the behavior of drivers, in particular the following: environmentally friendly driving can significantly reduce fuel consumption; tire pressure needs to be correct and regularly checked for optimum fuel efficiency.



WET GRIP

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

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

The label displays a range of 5 grades, where tires with an “A” provide the highest levels of wet grip and “E” the lowest.



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