



Goodyear Winter Guide for trucks, buses and coaches.



What is a winter tyre?

A winter tyre (or “snow tyre” according to EU Regulation 661/2009) is defined as a “**tyre whose tread pattern, tread compound or structure is primarily designed to achieve in snow conditions a performance better than that of a normal tyre with regard to its ability to initiate or maintain vehicle motion**”.

Winter tyre marking

M+S (also M.S or M&S) has been the widely used marking on winter tyres, stipulated in EU legislation¹.

On 1 November 2012 Regulation 117 made a new marking official in the EU – the “**Alpine**” symbol, or the three-peak-mountain with snowflake (“3PMSF”). Unlike the M+S marking, the 3PMSF can only be legally used if the tyre passes a minimum performance threshold requirement on snow, the so called “snow grip index”.

However, M+S remains as a permitted marking, but not legally linked to a minimum guaranteed performance in winter conditions. M+S tyres have better snow traction than regular tyres but do not necessarily pass the snow grip threshold legal requirement to qualify for the new three-peak snowflake identification.

¹ Council Directive 92/23/EEC of 31 March 1992 relating to tyres for motor vehicles and their trailers and to their fitting.



Benefits of winter tyres

The use of winter tyres ensures that vehicle performance is optimized when temperatures are low and in particular when roads are affected by snow and ice. Tyres react differently according to temperature, so specific compounds and tread patterns are necessary for such conditions. Good grip is of course essential for steering and braking control as well as traction. At lower temperatures some other tyres do not give the same performance as they provide in their normal temperature range. A more aggressive tread pattern is also necessary, not only for good grip in snow but also on ice and to efficiently clear surface water.

The benefits of commercial winter tyres are particularly important for mobility in challenging weather conditions. Avoiding road blockages has not least certain economic pluses, e.g. preventing losses from delayed deliveries, spoiled goods, etc...

Winter tyre markings on Goodyear tyres

Almost all Goodyear truck and bus tyres are marked with the **M+S** and the **3PMSF** symbol.

Following Goodyear tyres qualify for the **3PMSF** marking:

- Winter truck tyre ranges:
ULTRA GRIP MAX S & D, ULTRA GRIP WTS/WTD
- Long haul, fuel efficient tyre ranges:
FUELMAX D, FUELMAX S & D GEN-2, FUELMAX S & D PERFORMANCE
- Regional haul, mileage optimised tyre ranges:
KMAX S & D, KMAX S & D GEN-2, KMAX S A
- Coach tyres:
Marathon Coach and ULTRA GRIP Coach
- City bus tyres:
URBANMAX MCA & MCD
- Mixed service / off-road tyre ranges:
OMNITRAC S & D, OMNITRAC MSD II, OMNITRAC S & D HEAVY DUTY
- Trailer tyres:
ULTRA GRIP MAX T, ULTRA GRIP WTT,
KMAX T GEN-2 and KMAX T 17.5/19.5"



For some years Goodyear Dunlop has been using the following **marketing symbol** for tyres specifically designed as pure winter tyres.

Following the introduction of the EU Regulation 117, this symbol is now accompanied by the 3PMSF marking on all relevant Goodyear tyres.



Goodyear winter tyre ranges. Ready to meet all winter conditions.



Steer axle

ULTRA GRIP
MAX S

ULTRA GRIP
WTS

KMAX S



KMAX S
GEN-2

FUELMAX S
GEN-2

OMNITRAC S

OMNITRAC S
HEAVY DUTY

Drive axle

ULTRA GRIP
MAX D

ULTRA GRIP
WTD / WTD CITY

KMAX D

KMAX D
GEN-2



FUELMAX D

FUELMAX D
GEN-2

OMNITRAC D

OMNITRAC D
HEAVY DUTY

Goodyear's winter truck, coach and bus tyre ranges are developed to cope with today's demanding winter transport operations.

ULTRA GRIP WTS, WTS City, WTD, WTT, ULTRA GRIP Coach and ULTRA GRIP MAX S, D and T have been specifically designed to provide excellent winter capabilities to face the toughest and most extreme winter conditions.

All tyre designs below are M+S and 3PMSF marked and comply with the most restrictive European winter tyre regulations.



Trailer axle

Drive axle

Drive axle

All position axle

All position axle

ULTRA GRIP
MAX T

ULTRA GRIP
WTT

ULTRA GRIP
WTS CITY



KMAX T
GEN-2



ULTRA GRIP
COACH



URBANMAX
MCD







MARATHON
COACH




URBANMAX
MCA

M+S and 3PMSF markings


Truck / Buses

Size	TL/TT	Load index / Speed index 1	Load index / Speed index 2	Description	EU-tyre label			M+S	
					Fuel Efficiency 	Wet Grip 	Noise Emission (dB) 		
8.5 R 17.5	TL	121/120 M		Regional RHD	E	C	73 dB	✓	
9.5 R 17.5	TL	129/127 M		Regional RHS II	D	C	71 dB	✓	✓
	TL	129/127 M		Regional RHD II	E	C	71 dB	✓	✓
10 R 17.5	TL	134/132 M		Unisteel G 124	E	B	74 dB	✓	✓
205/75 R 17.5	TL	124/122 M		KMAX S	D	B	69 dB	✓	✓
	TL	124/122 M	126/124G	KMAX D	D	C	74 dB	✓	✓
215/75 R 17.5	TL	128/126 M		KMAX S HL	C	B	69 dB	✓	✓
	TL	126/124 M		KMAX D	D	C	71 dB	✓	✓
225/75 R 17.5	TL	129/127 M		KMAX S	D	B	69 dB	✓	✓
	TL	129/127 M		KMAX D	D	C	73 dB	✓	✓
235/75 R 17.5	TL	132/130 M		KMAX S	D	B	69 dB	✓	✓
	TL	132/130 M		KMAX D	D	B	71 dB	✓	✓
245/70 R 17.5	TL	136/134 M		KMAX S	D	B	70 dB	✓	✓
	TL	136/134 M		KMAX D	D	B	71 dB	✓	✓
265/70 R 17.5	TL	139/136 M		KMAX S	C	B	69 dB	✓	✓
	TL	139/136 M		KMAX D	D	B	71 dB	✓	✓
245/70 R 19.5	TL	136/134 M		KMAX S	D	C	71 dB	✓	✓
	TL	136/134 M		KMAX D	D	B	72 dB	✓	✓
265/70 R 19.5	TL	140/138 M		KMAX S	D	B	71 dB	✓	✓
	TL	140/138 M		KMAX D	D	B	72 dB	✓	✓
	TL	140/138 L		UrbanMax MCA	D	C	70 dB	✓	✓
	TL	143/141 J	140/138 L	Omnitrac MSS II	D	B	71 dB	✓	
285/70 R 19.5	TL	146/144 L	144/142 M	KMAX S	D	C	71 dB	✓	✓
	TL	146/144 L	144/142 M	Regional RHS II	D	C	71 dB	✓	✓
	TL	146/144 L	144/142 M	KMAX D	D	C	71 dB	✓	✓
305/70 R 19.5	TL	148/145 M		KMAX S	C	C	71 dB	✓	✓
	TL	148/145 M		KMAX D	C	C	72 dB	✓	✓
12.00 R 20	TT	154/150 K		Omnitrac MSS II	C	B	71 dB	✓	
	TT	154/150 K		Omnitrac MSD II	E	B	73 dB	✓	✓
14.00 R 20	TL	164/161 J	166/161 G	OFFROAD HEAVY DUTY	-	-	-	✓	
		164/160 K	166/160 G	OFFROAD	-	-	-	✓	
	TL	164/160 J	166/160 G	Offroad ORD	-	-	-	✓	
365/85 R 20	TL	164 J		Offroad ORD	D	B	75 dB	✓	
11 R 22.5	TL	148/145 J	152/148 E	UrbanMax MCA	D	C	72 dB	✓	✓
	TL	148/145 K		Omnitrac MSS	D	B	70 dB	✓	
12 R 22.5	TL	152/148 L		Regional RHD II	D	C	76 dB	✓	✓
	TL	152/148 K		OMNITRAC S HEAVY DUTY	C	B	71 dB	✓	✓
	TL	152/148 K		OMNITRAC D HEAVY DUTY	D	B	74 dB	✓	✓
13 R 22.5	TL	156/150 L	154/150 M	Regional RHD II	D	C	78 dB	✓	
	TL	156/150 K		OMNITRAC S	C	B	71 dB	✓	✓
	TL	156/150 K		OMNITRAC D	D	B	75 dB	✓	✓
	TL	156/150 K		OMNITRAC S HEAVY DUTY	C	B	72 dB	✓	✓
	TL	156/150 K		OMNITRAC D HEAVY DUTY	D	B	75 dB	✓	✓
	TL	156/150 G	154/150 J	Offroad ORD	-	-	-	✓	
375/90 R 22.5	TL	164 G		Omnitrac MSS	C	B	70 dB	✓	
		164 G		OFFROAD	-	-	-	✓	
295/80 R 22.5	TL	154/149 M		FUELMAX S HL GEN-2	B	C	70 dB	✓	✓
	TL	154/149 M		FUELMAX S HL	B	B	70 dB	✓	
	TL	152/148 M		FUELMAX D GEN-2	C	B	73 dB	✓	✓
	TL	154/149 M		Marathon Coach HL	C	B	71 dB	✓	✓
	TL	154/149 M		UltraGrip Coach HL	D	C	72 dB	✓	✓
	TL	154/149 M		KMAX S HL GEN-2	C	B	74 dB	✓	✓
	TL	154/149 M		KMAX S HL	C	B	74 dB	✓	✓
	TL	152/148 M		KMAX D GEN-2	D	C	72 dB	✓	✓
	TL	154/149 L		ULTRA GRIP MAX S HL	D	B	72 dB	✓	✓
	TL	152/148 M		ULTRA GRIP MAX D	E	C	73 dB	✓	✓

Size	TL/TT	Load index / Speed index 1	Load index / Speed index 2	Description	EU-tyre label				
					Fuel Efficiency 	Wet Grip 	Noise Emission (dB) 		
	TL	152/148 J	154/150 E	UrbanMax MCA	D	C	71 	✓	✓
	TL	152/148 K		OMNITRAC S	D	B	71 	✓	✓
	TL	152/148 K		OMNITRAC D	D	B	75 	✓	✓
315/80 R 22.5	TL	156/150 L	154/150 M	FUELMAX S GEN-2	B	B	71 	✓	✓
	TL	156/150 L	154/150 M	FUELMAX S	B	B	71 	✓	✓
	TL	156/150 L	154/150 M	FUELMAX D GEN-2	B	C	73 	✓	✓
	TL	156/150 L	154/150 M	Marathon Coach	B	B	70 	✓	✓
	TL	156/150 L	154/150 M	UltraGrip Coach	D	C	73 	✓	✓
	TL	156/150 L	154/150 M	KMAX S GEN-2	C	B	71 	✓	✓
	TL	156/150 L	154/150 M	KMAX D GEN-2	D	C	72 	✓	✓
	TL	156/150 L	154/150 M	ULTRA GRIP MAX S	C	B	72 	✓	✓
	TL	156/150 L	154/150 M	ULTRA GRIP MAX D	E	B	74 	✓	✓
	TL	156/150 K		OMNITRAC S	D	B	73 	✓	✓
	TL	156/150 K		OMNITRAC D	D	B	75 	✓	✓
	TL	156/150 K		OMNITRAC S HEAVY DUTY	C	B	73 	✓	✓
	TL	156/150 K		OMNITRAC D HEAVY DUTY	D	B	75 	✓	✓
445/75 R 22.5	TL	170 J		Omnitrac MSS	C	B	71 	✓	
275/70 R 22.5	TL	148/145 M		KMAX S	C	B	72 	✓	✓
	TL	148/145 M		KMAX D	D	C	73 	✓	✓
	TL	148/145 J	152/148 E	UltraGrip WTS City	E	C	73 	✓	✓
	TL	148/145 J	152/148 E	UltraGrip WTD City	E	D	73 	✓	✓
	TL	148/145 J	152/148 E	UrbanMax MCA	E	C	71 	✓	✓
	TL	150/145 J	152/148 E	UrbanMax MCA HL	D	C	71 	✓	✓
	TL	150/148 J	152/148 E	UrbanMax MCA XHL	D	C	71 	✓	✓
	TL	148/145 J	152/148 E	UrbanMax MCD* Traction	E	C	72 	✓	✓
	TL	148/145 K		Omnitrac MSS II	D	B	72 	✓	
305/70 R 22.5	TL	153/150 L	150/148 M	KMAX S	C	B	71 	✓	✓
	TL	153/150 L	150/148 M	KMAX D	D	C	71 	✓	✓
	TL	153/150 J	154/150 E	Urban MCS *	D	C	69 	✓	
315/70 R 22.5	TL	156/150 L		FUELMAX S HL GEN-2	B	B	70 	✓	✓
	TL	156/150 L		FUELMAX S HL PERFORMANCE	A	B	71 	✓	✓
	TL	154/150 L	152/148 M	FUELMAX D GEN-2	B	B	73 	✓	✓
	TL	154/148 L	152/148 M	FUELMAX D PERFORMANCE	A	C	73 	✓	✓
	TL	156/150 L		KMAX S HL GEN-2	C	B	72 	✓	✓
	TL	154/150 L	152/148 M	KMAX D GEN-2	C	B	72 	✓	✓
	TL	156/150 L		ULTRA GRIP MAX S HL	C	B	73 	✓	✓
	TL	154/150 L	152/148 M	ULTRA GRIP MAX D	E	C	74 	✓	✓
385/65 R 22.5	TL	160 K	158 L	FUELMAX S GEN-2	B	B	70 	✓	✓
	TL	160 K	158 L	KMAX S GEN-2	B	B	70 	✓	✓
	TL	164 K	158 L	Regional RHS II HL	B	B	71 	✓	✓
	TL	160 K	158 L	ULTRA GRIP MAX S	C	B	73 	✓	✓
	TL	160 K	158 L	OMNITRAC S	C	B	73 	✓	✓
295/60 R 22.5	TL	150/147 K	149/146 L	FUELMAX S GEN-2	B	C	71 	✓	✓
	TL	150/147 K	149/146 L	FUELMAX D	C	B	72 	✓	✓
	TL	150/147 K	149/146 L	KMAX S GEN-2	C	B	71 	✓	✓
	TL	150/147 K	149/146 L	KMAX D	C	B	72 	✓	✓
	TL	150/147 K	149/146 L	ULTRA GRIP MAX S	C	B	72 	✓	✓
	TL	150/147 K	149/146 L	ULTRA GRIP MAX D	D	C	73 	✓	✓
315/60 R 22.5	TL	154/148 L		FUELMAX S HL	B	B	70 	✓	
	TL	152/148 L		FUELMAX D GEN-2	B	C	73 	✓	✓
	TL	154/148 L		KMAX S HL GEN-2	C	C	74 	✓	✓
	TL	152/148 L		KMAX D GEN-2	D	B	73 	✓	✓
	TL	152/148 J		UrbanMax MCA	C	C	72 	✓	✓
	TL	154/148 L		ULTRA GRIP MAX S HL	C	C	72 	✓	✓
	TL	152/148 L		ULTRA GRIP MAX D	D	C	74 	✓	✓
295/55 R 22.5	TL	147/145 K		KMAX D GEN-2	C	B	72	✓	✓

Size	TL/TT	Load index / Speed index 1	Load index / Speed index 2	Description	EU-tyre label				
					Fuel Efficiency	Wet Grip	Noise Emission (dB)	M+S	
385/55 R 22.5	TL	160 K	158 L	FUELMAX S GEN-2	B	B	71 ㉟	✓	✓
	TL	160 K	158 L	FUELMAX S PERFORMANCE	A	B	71 ㉟	✓	✓
	TL	160 K	158 L	KMAX S GEN-2	B	B	71 ㉟	✓	✓
	TL	160 K	158 L	ULTRA GRIP MAX S	C	B	74 ㉟	✓	✓
355/50 R 22.5	TL	160 K		Omnitrac MSD II	C	C	73 ㉟	✓	
	TL	156 K		KMAX S HL	C	B	71 ㉟	✓	✓
	TL	156 K		KMAX S A HL	C	B	71 ㉟	✓	✓
315/45R22.5	TL	147/145 L		UltraGrip WTS	D	B	73 ㉟	✓	✓
	TL	147/145 L		KMAX D	D	C	72 ㉟	✓	✓
375/45 R 22.5	TL	156 L		KMAX S	B	B	73 ㉟	✓	✓
455/45 R 22.5	TL	166 J		UrbanMax MCD Traction	C	C	73 ㉟	✓	✓
495/45 R 22.5	TL	169 K		Marathon LHD	C	C	72 ㉟	✓	
	TL	169 K		Omnitrac MSD II	C	D	74 ㉟	✓	
12.00 R 24	TT	160/156 K		Omnitrac MSD II Plus	C	B	71 ㉟	✓	
325/95 R 24	TL	162/160 K		OMNITRAC S	C	B	72 ㉟	✓	✓
	TL	162/160 K		OMNITRAC S HEAVY DUTY	C	B	71 ㉟	✓	✓
	TL	162/160 K		OMNITRAC D HEAVY DUTY	under development			✓	✓
	TL	162/160 K		Omnitrac MSD II Plus	D	B	72 ㉟	✓	
	TL	162/160 G		Offroad ORD	-	-	-	✓	

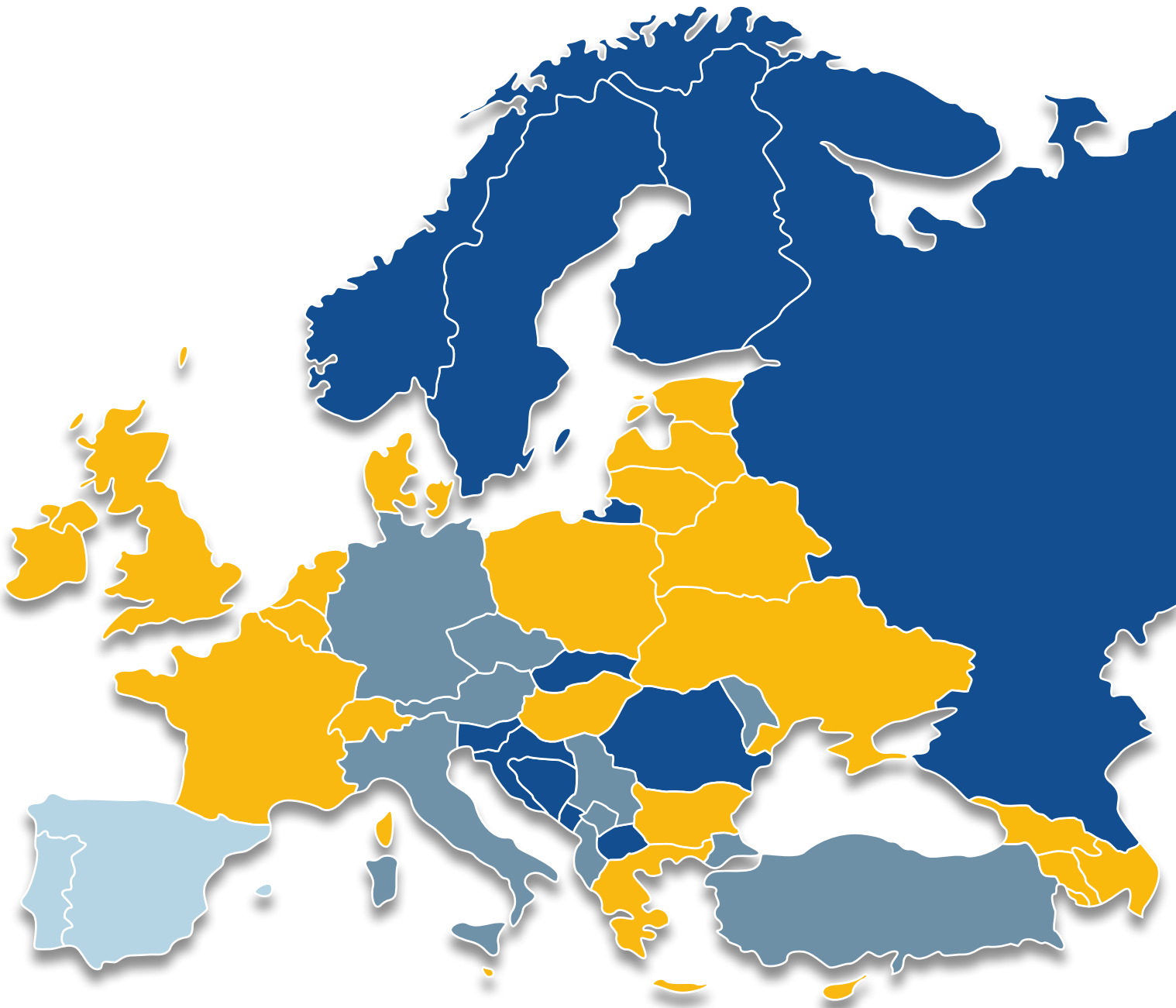
Trailers

Size	TL/TT	Load index / Speed index 1	Load index / Speed index 2	Description	EU-tyre label				
					Fuel Efficiency	Wet Grip	Noise Emission (dB)	M+S	
7.50 R 15	TT	135/133 K		Regional RHT	C	B	69 ㉟	✓	
8.25 R 15	TT	143/141 J		Regional RHT	C	B	69 ㉟	✓	
9.5 R 17.5	TL	143/141 J		Regional RHT II lpt	C	B	70 ㉟	✓	
215/75 R 17.5	TL	135/133 J		KMAX T	C	B	67 ㉟	✓	✓
235/75 R 17.5	TL	143/141 J	144/144 F	KMAX T	C	B	70 ㉟	✓	✓
245/70 R 17.5	TL	143/141 J	146/146 F	KMAX T	B	B	70 ㉟	✓	✓
205/65 R 17.5	TL	129/127 K	132/132 G	KMAX T	C	B	71 ㉟	✓	✓
245/70 R 19.5	TL	141/140 J		KMAX T	C	B	69 ㉟	✓	✓
265/70 R 19.5	TL	143/141 J		KMAX T	C	B	70 ㉟	✓	✓
	TL	143/141 J		Ultra Grip WTT	D	B	72 ㉟	✓	✓
285/70 R 19.5	TL	150/148 J		KMAX T	B	B	70 ㉟	✓	✓
265/55 R 19.5	TL	141/140 J	142/142 G	KMAX T	C	B	71 ㉟	✓	✓
435/50 R 19.5	TL	160 J		FUELMAX T	A	C	73 ㉟	✓	
	TL	164 J		FUELMAX T HL	A	C	70 ㉟	✓	
	TL	160 J		KMAX T GEN-2	B	B	72 ㉟	✓	✓
445/45 R 19.5	TL	160 J		KMAX T GEN-2	C	B	72 ㉟	✓	✓
	TL	164 K	158 L	FUELMAX T HL	A	C	69 ㉟	✓	
385/65 R 22.5	TL	164 K	158 L	KMAX T GEN-2 HL	C	B	72 ㉟	✓	✓
	TL	164 K	158 L	ULTRA GRIP MAX T HL	C	B	73 ㉟	✓	✓
	TL	160 K	158 L	ULTRA GRIP MAX T	C	B	73 ㉟	✓	✓
	TL	164 K	158 L	OMNITRAC T HL	C	B	72 ㉟	✓	✓
425/65 R 22.5	TL	165 K		KMAX T	B	B	72 ㉟	✓	
445/65 R 22.5	TL	169 K		KMAX T	B	B	72 ㉟	✓	
	TL	169 K		Omnitrac MST II	B	B	71 ㉟	✓	
385/55 R 22.5	TL	160 K	158 L	FUELMAX T	A	C	70 ㉟	✓	
	TL	160 K	158 L	KMAX T	B	B	71 ㉟	✓	
	TL	160 K	158 L	ULTRA GRIP MAX T	C	B	73 ㉟	✓	✓
435/50 R 22.5	TL	164 J		Marathon LHT	B	C	70 ㉟	✓	
455/40 R 22.5	TL	160 J		Marathon LHT+	C	C	72 ㉟	✓	



Winter tyre requirements for heavy commercial vehicles in Europe

- Countries with no requirements for winter tyres
- Countries with local requirements for winter tyres/use of chains
- Countries with requirements for winter tyres and/or other winter equipment in certain circumstances or on certain roads (e.g. "partial obligations for winter tyres")
- Countries with mandatory winter tyres legislation throughout a whole fixed period and on all roads, irrespective of whether there is snow and/or ice (e.g. "overall winter tyres laws")





Albania

Winter conditions, depending on region/road

Winter tyres legislation

None

Use of chains

Compulsory chains in certain regions
This obligation applies to truck drive and trailer axles



Austria

November 1 – April 15 + winter conditions

Winter tyres legislation

M+S on at least one drive axle with min 6 mm tread depth for bias tyres and 5 mm for radials

Use of chains

Chains for at least two tyres on drive axle have to be carried along



Belarus

Winter tyres legislation

None



Belgium

Winter tyres legislation

None



Bosnia & Herzegovina

November 15 – April 15

Winter tyres legislation

M+S tyres on drive axles with min 4mm tread depth

Use of chains

Summer tyres with min 4mm tread depth plus chains allowed on drive axles



Bulgaria

November 15 – March 1

Winter tyres legislation

M+S tyres mandatory with 1.6mm tread depth; alternatively summer tyres with 4mm tread depth

Use of chains

Chains to be carried in the vehicle from November 1 – March 31 if indicated by road signs



Croatia

November 15 – April 15

Winter tyres legislation

M+S tyres on drive axles with min 4mm tread depth

Use of chains

Alternative summer tyres with min 4mm tread depth plus chains on drive axles



Cyprus

Winter tyres legislation

None



Czech Republic

November 1 – March 31 + winter conditions

Winter tyres legislation

M+S tyres on drive axles with min 6mm tread depth

Use of chains

Compulsory on at least 2 drive tyres if indicated by road signs



Denmark

Winter tyres legislation

None



Estonia

Winter tyres legislation

None: new legislation planned for December 1st 2022



Finland

Winter tyres legislation

December 1 – March 1

M+S tyres with min. 5mm tread depth on drive axles and 3mm on all other axles



France

Winter tyres legislation

None; new legislation under preparation as of November 1st 2021



Georgia

Winter tyres legislation

None



Germany

Winter tyres legislation

Winter conditions

3PMSF tyres on drive axles; after July 1st, 2020 also 3PMSF on steer axles required; transition period for M+S marked steer axle tyres no later than DOT 5217 until 30 Sept 2024.

Use of chains

Alternative with 50km/h speed limit



Greece

Winter tyres legislation

None

Use of chains

Mandatory use of chains depending on weather conditions



Hungary

Winter tyres legislation

None



Ireland

Winter tyres legislation

None



Italy

Winter tyres legislation

November 15 – April 15 in winter conditions (signs indicate)

M+S tyres on drive axles

Use of chains

Must be carried in the vehicle when driving on mountain roads without M+S tyres



Kosovo

In winter conditions

Winter tyres legislation

M+S tyres on drive axles

Use of chains

Obligation for chains on drive axles where indicated



Latvia

Winter tyres legislation

Min. 3 mm tread depth; studded tyres allowed between 1 October and 30 April

Use of chains

Not allowed



Lithuania

Winter tyres legislation

None

Use of chains

Not allowed



Luxembourg

Winter conditions

Winter tyres legislation

M+S tyres on drive axles

Use of chains

Alternative of summer tyres with min 6mm tread depth and chains on all axles



North Macedonia

November 15 – March 15

Winter tyres legislation

M+S tyres on drive axles with min 6mm tread depth

Use of chains

None



Malta

Winter tyres legislation

None



Moldova

December 1 – March 31 when road covered by ice/snow

Winter tyres legislation

M+S tyres on drive axles

Use of chains

Allowed



Montenegro

November 15 – March 31

Winter tyres legislation

M+S tyres on drive axles

Use of chains

Alternative of summer tyres with min. 4mm tread depth and chains



Netherlands

Winter tyres legislation

None

Use of chains

Not allowed



Norway

Winter tyres legislation

November 15 – March 31
October 16 – April 30 in Nordland, Tromms and Finnmark

3PMSF on front steering and drive axles (transition period for upgrading from M+S to 3PMSF until November 15, 2020), M+S on all other axles incl. trailer axles;
POR truck tyres are considered winter tyres,
Min. 5mm tread depth from November 1 – 1st Monday after Easter/October 16 – April 30 in Nordland, Tromms and Finnmark

Use of chains

Obligatory to have min. 3 to 7 sets of chains depending on number of axles (November 1 – 1st Monday after Easter/October 16 – April 30 in Nordland, Tromms and Finnmark)



Poland

Winter tyres legislation

None

Use of chains

Obligation for chains where indicated on roads



Portugal

Winter tyres legislation

None

Use of chains

Allowed by road signs



Romania

Winter tyres legislation

In winter conditions (snow and ice)

M+S tyres on drive axles, min. 6mm tread depth

Use of chains

Alternative summer tyres plus chains on drive axles



Russia + CU

Winter tyres legislation

December 1 – February 28 ; this period may be expanded depending on weather or climate conditions

M+S or 3PMSF tyres on all axles with min 4mm tread depth

Use of chains

Not allowed



Serbia

Winter tyres legislation

November 1 – April 1 + winter conditions

M+S tyres on drive axles with min 4mm tread depth

Use of chains

Summer tyres with 4mm tread depth plus chains on drive axles



Slovakia

November 15 – March 31 + winter conditions

Winter tyres legislation

M+S tyres on drive axles with min 3mm tread depth

Use of chains

To be carried in the vehicle; usage indicated by road signs



Slovenia

November 15 – March 15

Winter tyres legislation

M+S tyres on drive axles with min 3mm tread depth

Use of chains

Alternative summer tyres with min 3mm tread depth plus chains on drive axles



Spain

Depending on weather conditions or road signs

Winter tyres legislation

M+S on drive axles if winter tyres are required

Use of chains

Obligation for chains where indicated on roads



Sweden

December 1 – March 31 + winter conditions.
Transition period until November 30, 2024 for steer and drive axles (GVW <3500kg)

Winter tyres legislation

3PMSF on all axles or M+S on trailer axles and axles other than steer or drive axles. POR truck tyres or studded tyres are considered winter tyres. Min. tread depth 5mm on trucks (GVW >3500kg), 1.6mm on trailers

Use of chains

Allowed as alternative equipment



Switzerland

Winter tyres legislation

None



Turkey

December 1 – April 1 + winter conditions (can be extended to an additional month if weather conditions require)

Winter tyres legislation

M+S and/or 3PMSF on drive axles of trucks, tow trucks, tankers, buses with min 4mm tread depth

Use of chains

Allowed but not as an alternative for winter tyres



Ukraine

Winter tyres legislation

None

Use of chains

Chains only allowed on roads covered with snow and ice



United Kingdom

Winter tyres legislation

None



All information in this material was valid on its date of issuance (October 2019).
For detailed and up to date information, please refer to your dealer or to www.goodyear.eu

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