I - GENERAL INFORMATION ABOUT TYRES
TYRE MARKINGS

How to read a tyre sidewall

ROAD 6
Model name

MICHELIN
Tyre manufacturer

RADIAL
Construction type

TUBELESS
Indicates a tyre that does not require an inner tube

(73W)
Service description:
73 indicates a maximum load of 365 kg per tyre (W) indicates a maximum speed of >270kph

17
Bead seat diameter of the wheel,expressed in inches

ZR
Radial construction and a design speed >240kph

55
Aspect ratio the sidewall height as a proportion of The section width

180
Nominal section width of the tyre expressed in millimetres

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LOAD INDEX
The LOAD INDEX is a numerical code associated with the maximum load a tyre can carry at the speed indicated by its Speed Symbol under service conditions specified by the tyre manufacturer.

Index	kg	Index	kg	Index	kg	Index	kg	Index	kg	Index	kg	Index	kg	Index	kg
20	80	30	106	40	140	50	190	60	250	70	335	80	450	90	600
21	82,5	31	109	41	145	51	195	61	257	71	345	81	462	91	615
22	85	32	112	42	150	52	200	62	265	72	355	82	475	92	630
23	87,5	33	115	43	155	53	206	63	272	73	365	83	487	93	650
24	90	34	118	44	160	54	212	64	280	74	375	84	500	94	670
25	92,5	35	121	45	165	55	218	65	290	75	387	85	515	95	690
26	95	36	125	46	170	56	224	66	300	76	400	86	530	96	710
27	97,5	37	128	47	175	57	230	67	307	77	412	87	545	97	730
28	100	38	132	48	180	58	236	68	315	78	425	88	560	98	750
29	103	39	136	49	185	59	243	69	325	79	437	89	580	99	775

SPEED INDEX
The SPEED INDEX indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index under service conditions specified by the tyre manufacturer.

Index	kph	Index	kph	Index	kph	Index	kph	Index	kph	Index	kph	Index	kph	Index	kph
B	50	E	70	J	100	M	130	Q	160	T	190	V	240	(W)	>270
C	60	F	80	K	110	N	140	R	170	U	200	(V)	>240		
D	65	G	90	L	120	P	150	S	180	H	210	W	270		

(W) SPEED INDEX
Every bike requires tyres with a specific speed index

The table below defines the maximum speed at which a tyre can carry the maximum load indicated by its load index under the conditions of use specified by the manufacturer. The maximum speed is clear when the speed rating is defined (J = 100, S = 180, H = 210,...). The (W) speed index is not restricted, (known as unbounded, shown by the use of brackets around the speed index letter), the tyre manufacturer must be able to supply the maximum speed capability of the tyre.

It is important to know the maximum speed capability of the bike before a (W) speed rated tyre is fitted. If the bike is capable of a higher speed than the tyre is, the rider must be warned of this. This is also a consideration for off road biased tyres such as the MICHELIN Anakee Wild and the MICHELIN Anakee Adventure, in some cases the speed index is lower on the MICHELIN Anakee Wild and the MICHELIN Anakee Adventure, than the speed capability of the bike, and the OE tyre fitment. The rider must be warned of this.

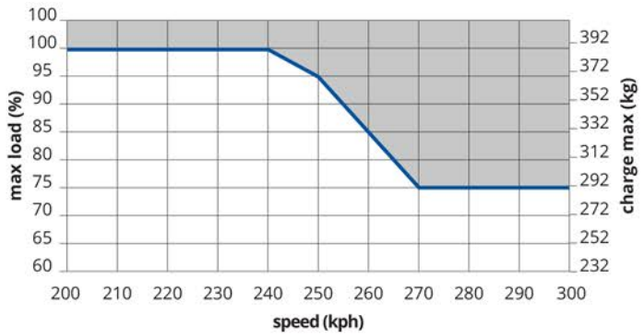
Every motorcycle requires tyres with the right speed rating.

Speed ratings define the maximum speed at which any tyre with that rating is approved. This homologation level is unambiguous when the speed index is limited to J = 100, S = 180, H = 210... This is not the case for the speed ratings in brackets (V) = "> 240" and (W) = ">270", whose limits are not explicitly defined.

In this case, it's the tyre manufacturer's responsibility to guarantee the tyre's maximum speed.

as well as the load carried at this speed. To find out the maximum speed and load for a given size and range, please contact your Michelin representative. The example below illustrates this maximum speed and load capacity for a 190/55 ZR 17 (75W) tyre.

SPEED LOAD CAPACITY OF A TYRE SPEED INDEX (W)



I - GENERAL INFORMATION ABOUT TYRES
DIMENSIONAL AQUIVALENCE

All types of diagonal architecture tyres

ALPHANUMERIC SIZE MARKINGS	METRIC SIZE MARKINGS
MH90	80/90
MJ90	90/90
MM90	100/90
MN90	110/90
MP85	110/90
MR90	120/90
MT90	130/90
MU85/MU90	140/90
MV85	150/80 150/90

The alphanumeric system is still used on certain Harley Davidson and other American custom bike tyres.

DIMENSIONS IN MM	DIMENSIONS IN INCHES
50/100	2.00
60/100	2.25
70/100	2.50
80/80	2.75
80/90	2.75 - 3.00
90/90	3.00 - 3.25 - 3.60
100/90	3.50 - 4.10
110/90	4.00 - 4.10 - 4.60
120/80	4.25 - 4.50 - 4.60
120/90	4.25 - 4.50
130/80	4.50 - 4.60 - 5.10
130/90	4.50 - 4.60 - 5.10
140/80	4.50 - 5.10 - 5.50
140/90	5.10 - 5.50

Off road equivalent

DIMENSIONAL EQUIVALENCE:

For the MICHELIN Enduro and Desert ranges, the size designation is based on the width of the tyre measured at the widest point of the tread.

For the MICHELIN StarCross 6, Tracker, Trial Light and Xlight ranges, the size designation is based on the width of the tyre measured at the widest point of the sidewall.

A 140/80-18 MICHELIN Enduro Medium therefore corresponds to a 120/90-18 MICHELIN StarCross 6 size.

ENDURO	MOTOCROSS
90/90-21	80/100-21
120/80-19	100/90-19
130/70-19	110/90-19
120/90-18	100/100-18
130/80-18	110/100-18
140/80-18	120/90-18

The width of Motocross tyres is measured at the level of the base of the tread blocks, while for Enduro tyres, it is measured by the overall dimension at the widest point which is the top of the tread blocks.