



# 2 WHEEL

PROFESSIONAL TYRE GUIDE

2021



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# ***5 REASONS TO CHOOSE THE MICHELIN BRAND?***

- 1 A WORLD-FAMOUS BRAND WORTH \$7.161 BILLION IN 2020***  
*(BRAND FINANCE GLOBAL 50)*
- 2 A BRAND WITH A STRONG REPUTATION***
- 3 MOST POPULAR BRAND IN EUROPE***  
*(THE BAROMETER OF THE 2018 TYRE - QUELPNEU.COM 01/19)*
- 4 NO. 1 BRAND IN THE AUTOMOTIVE SECTOR IN THE UNITED STATES***  
*(US REPTROKE 100 05/19)*
- 5 1ST BRAND IN THE AUTO CATEGORY IN THAILAND FOR THE LAST 20 YEARS***  
*(BRANDFINANCE 04/20)*





## ***LEADING OEMS CHOOSE MICHELIN AS A KEY PARTNER***

Michelin is one of the brands with the longest history in the development of two-wheel tires, supplying the first motorcycles over a century ago.

### ***CHOSEN FOR ROAD, SPORT OR LEISURE...***

Emblematic models such as the new Harley-Davidson Fat Boy, the Iron 883 or the latest FXDR are exclusively fitted with Michelin - Harley-Davidson tires, marking years of co-development between the two companies. The BMW GS range (R 1200 GS, F 750 and 850 GS) is mostly equipped with Michelin tires, giving excellent stability at high speeds without compromising agility and the promise of adventure. The MICHELIN Anakee Adventure tire reinforces the collaboration between the two brands BMW and Michelin.

### ***... AND EVERYDAY RIDING***

In the city, anyone who rides mainly on scooters such as the Piaggio MP3, Yamaha X Max 300 or the Honda Forza 125 will notice the excellent grip, safe handling and high mileage of the MICHELIN City Grip range, present on these vehicles. The MICHELIN City Grip tire is recognized as the reference in this segment, as proven by the multitude of homologations and fitments on the most popular scooters. In 2020, this range will be even more complete thanks to the new MICHELIN City Grip 2, which offers a very high level of grip on wet or slippery surfaces.

New launches in the Sport Touring segment, such as the Honda CB500, will also be equipped with for the first time with the latest MICHELIN Road 5 tire, improving the bike's agility and grip on wet surfaces.

### ***MOTORCYCLE MANUFACTURERS DON'T CHOOSE US BY CHANCE!***

The quality of our products, the know-how of the R & D team, the technologically advanced production processes and innovative solutions play a major role in improving motorcycle performance and providing an exceptional riding experience.

The Michelin Group's innovative strength enables us to provide OEMs with tires that meet the most stringent requirements and provide top-of-the-range performance.

***TODAY, MICHELIN IS PROUD TO BE A KEY PARTNER OF MAJOR  
MOTORCYCLE MANUFACTURERS, SUCH AS BMW MOTORRAD, HARLEY-  
DAVIDSON, HONDA, PIAGGIO AND YAMAHA.***

# MORE THAN 125 YEARS OF INNOVATION IN THE IN THE DEVELOPMENT OF TWO WHEEL TYRES.

**1890**



**1891**

The 1st bike that happens upon the Michelin brothers is being pulled by oxen. Its owner is exhausted after trying to fix a flat tyre. Edouard Michelin has a 'flash of inspiration' of how to remove and repair tyres: it is a revelation and the beginning of history

**1896**

Michelin buys 200 Léon Bollée microcars and 100 De Dion-Bouton tricycles to equip them with their tyres.

**1897**

First appearance of the word «motorcycle» in Michelin's promotional literature. The term most often refers to motorized vehicles produced by De Dion-Bouton.

**1899**

Michelin wins several races in the motorcycle category including the Nice-Castellane, Paris-Roubaix, Critérium des Motocycles, and the Coupe des Motocycles.



**1900**

**1905**

Michelin produces its first price list exclusively for bicycle and motorcycle tyres.

**1911**

Michelin publishes a new version of its guide for cyclists, entitled «Michelin's Advice to Cyclists». This version includes a section devoted to motorcycle tyres.

**1926**

Michelin launches a sturdy, skid-resistant motorcycle tyre.

**1928**

Michelin produces a 1:200,000 scale map of France for cyclists and motorcyclists.



**1930**

**1930**

The motorcycle tyre range includes «Confort à tringles» (straight-sided), «Confort-Bibendum», «Confort à talons» (beaded edge), «Câblé à tringles» (straight-sided with layers of textile cords), and «Câblé à talons» (beaded edge with layers of textile cords).

**1933**

Michelin launches its MICHELIN «skid-proof» motorcycle tyre with ribbed sides.

**1935**

Sale of MICHELIN Flèche d'Or (Golden Arrow) and MICHELIN Zigzag tyres.



**1950**

**1950**

Michelin develops tyres for the new two-wheeled motorized vehicles that are very popular after the war: scooters and mopeds (50 cc engines).



**1960**

**1960**

Michelin launches le Rapido and ACS standing for Adherence, Comfort and Safety. These tyres are intended for small and medium-sized bikes such as mopeds and lightweight motorcycles.





## 1970

### 1973

Jack Findlay wins the Senior Tourist Trophy and gives Michelin its first victory in the 500 cc category, the premier class race.

### 1974

Michelin introduces slick tyres for the first time in a motorcycle Grand Prix.

### 1976

Barry Sheene and Michelin win the GP500 Championship.

### 1977

Michelin sweeps all five categories in the world championships: 50, 125, 250, 350 and 500 cc.

## 1980

### 1982

Michelin designs the «Desert» tyre for all-terrain rally raid motorcycles. That year the tyre wins the Rally de l'Atlas and the Rally des Pharaons, and demonstrates its amazing potential by winning the Paris-Dakar Rally: 1<sup>st</sup> of continuous victories for 34 years to date.

### 1983

Michelin's first Radial tyre in the GP500.

### 1987

Michelin's first series-production Radial tyre: the MICHELIN A59X/M59X.

## 1990

### 1992

The first racing tyre with silica integrated into the rubber compound for the GP500.

### 1993

At the International Motorcycle Show, Michelin presents two tyres for the latest generations of scooters: the «MICHELIN Reggae» and the «MICHELIN Dexter».

### 1997

At the International Motorcycle Show, Michelin presents its ZR technology for motorcycle tyres.

### 1999

Launch of the «MICHELIN Pilot Sport», which provides riders with hypersport performance on the road.



## 2000

### 2005

Launch of the MICHELIN Power Race tyre, the first sport tyre approved for road use with MICHELIN 2CT technology.

### 2008

Michelin and Harley-Davidson sign a historic partnership agreement: MICHELIN Scorcher tyres are co-developed and co-branded as original equipment and replacement tyres for many of the iconic brand's models.

## 2010

### 2010

Michelin presents the MICHELIN City Grip tyre for scooters, a tyre with exceptional grip, even on wet surfaces. It's the 1<sup>st</sup> scooter tyre with siping.

### 2011

Michelin succeeds in integrating siping into MICHELIN Pilot Road 3 tyres thanks to its patented XST technology, a great improvement for safety on wet roads.

### 2013

Work with BMW to equip the worldwide best seller in its category, the BMW R1200GS as OE.

### 2014

Launch of the MICHELIN Pilot Road 4, with the GT version using revolutionary MICHELIN 2AT Dual elements of both radial and bias.

### 2016

Michelin step back into MotoGP™, setting lap and race records in their very first season.

### 2018

Introduction of the new sports touring radial MICHELIN Road 5 with the new technologies XST Evo and ACT+

### 2019

MICHELIN renews the Trail range with the launch of the Michelin Anakee Adventure. For the dedicated off road enthusiasts the new Michelin Tracker takes over from the long standing AC10.

## 2020

With 10 new tires, Michelin is renewing a large part of its range from urban tires to track and off-road tires.



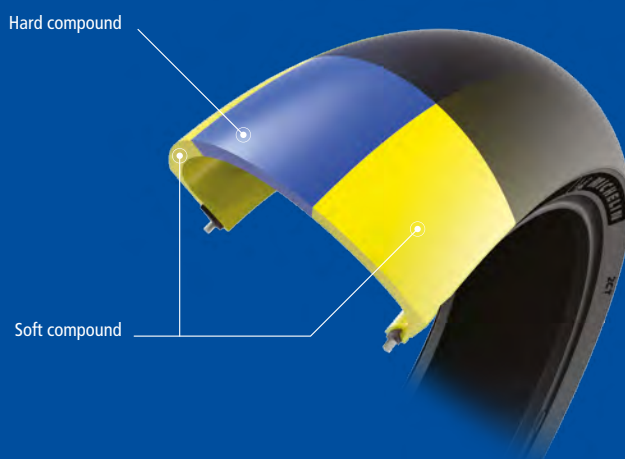
# TECHNOLOGIES

## COMPOUND

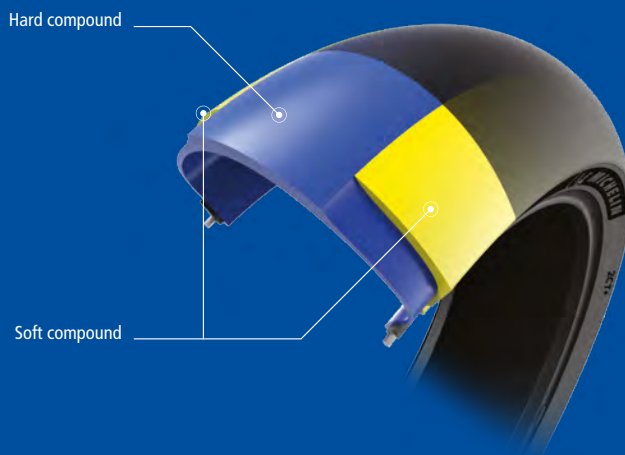
### 2 COMPOUND TECHNOLOGY



Successfully accomplishes two conflicting ideals: wear resistance in the centre of the tread, and grip on the shoulders.



Harder rubber underneath the softer rubber on the shoulders gives better rigidity at lean, for more stability when cornering, especially under strong acceleration.



## RUBBERS



Silica Rain Technology improves grip in cooler temperatures and on wet roads, without compromising tread life.



MICHELIN racing synthetic elastomers used in rubber compounds in conjunction with high tech synthetic compound resins promote ultra-fast warm up to optimum operational temperatures.





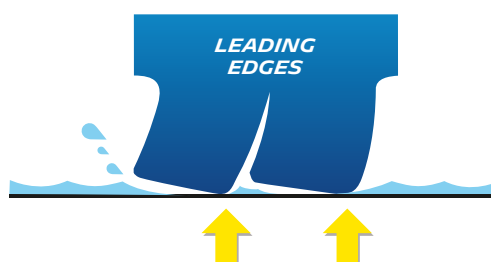
## TREAD PATTERN

### PROGRESSIVE SIPE TECHNOLOGY



The MICHELIN XST featured on Michelin motorcycle tyres delivers enhanced grip on wet roads thanks to the technology's patented sipes and reservoirs which increase the tyre's water clearance capacity.

In the case of scooter tyres, a gradual increase in the number of full depth sipes as the vehicle leans into a corner allows the tyre to break through the surface film of water.



### TRANSVERSE SIPE TECHNOLOGY



Patented sipes and integrated water reservoirs allow MICHELIN X-Sipe Technology+ (XST+) to deliver exceptional grip on wet road. MICHELIN XST + includes transverse sipes to improve wet braking and chamfers added to the sipe edges to help prevent abnormal wear in extreme conditions. The transverse sipes allow the front tyre to break the surface film of water and ensure outstanding braking performance on wet roads.



### USING EVERGRIP™ TECHNOLOGY

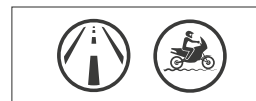


The MICHELIN XST and XST + sipes allow better water evacuation for added safety on wet roads, but their water storage capacity naturally decreases as the tyre wears down. The MICHELIN XST Evo sipes are even more efficient, using Evergrip™ technology they evolve over time and miles to give ever wider grooves, increasing the groove ratio to preserve the capacity of the tyre to store and evacuate water.

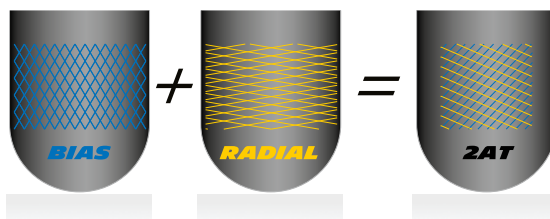


## CASING

### MORE STABLE AND COMFORTABLE RIDE



A revolutionary architecture for motorcycle tyres, which provides the necessary strength & stability for heavier bikes with luggage and a pillion AND comfort for long journeys. 2AT exceptionally combines elements of both radial and bias construction, providing the best compromise: Bias for its ability to withstand extra weight and Radial for the pleasure of riding.



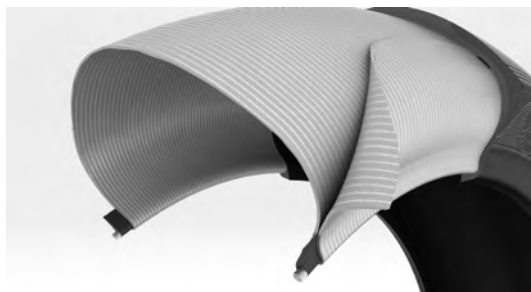
### MICHELIN ADAPTIVE CASING TECHNOLOGY



Adaptive Casing Technology ensures varying tyre rigidity at different angles of lean. The tyre switches gradually from a flexible crown for straight-line precision to increasingly rigid shoulders depending on lean angle for optimised cornering stability.



A single ply with an angle close to 90 ° is used in the carcass to reduce rigidity to the minimum in the crown zone while ensuring rigidity at lean thanks to the high reverse angles of the casing plies which overlap in the sidewalls and shoulder area. An absorbent crown gives greater stability, while rigid sidewalls and shoulder minimise movement at lean.



### AMPLIFIED DENSITY TECHNOLOGY



A highly dense, more rigid tyre casing, which helps deliver excellent feedback and handling. Aramid tread plies on the rear tyre resist centrifugal growth, reduce weight and provide excellent stability.

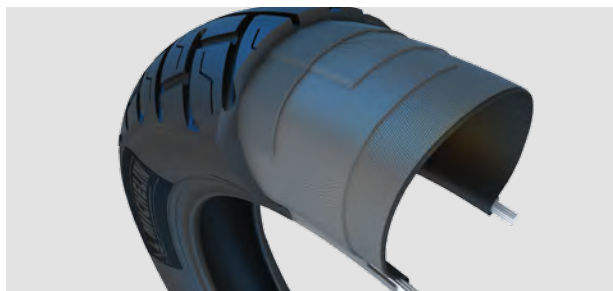


## LAYERS

## MICHELIN OVERLAP TECHNOLOGY



The thick tread layer is backed by three reinforcing plies to enhance the tyre's protection against puncturing.



## PICTOGRAM GLOSSARY



Dry grip



Wet grip



Longevity



Lightness



Handling



Stability



Autonomy



Wet braking distance



Braking distance



Warm-up



High speed performance



Lap time consistency



Plug & Play



Original Equipment



Comfort



Off-road capacity



On-off-road



Off-road robustness



Reinforced off-road robustness























Urban usage robustness



Versatility

# TRACK

	MOTO TYPE	ROAD LEGAL	ROAD TYPE			WEATHER
			COMPETITION	TRACK DAY	ROAD	
SPEED & ENDURANCE						
MICHELIN POWER PERFORMANCE SLICK	 1000 CC & 600 CC		<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
MICHELIN POWER PERFORMANCE CUP	 600 CC		<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
MICHELIN POWER PERFORMANCE 24	 ENDURANCE		<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
RAIN CONDITION						
MICHELIN POWER RAIN			<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
TRACK						
MICHELIN <span>NEW</span> POWER SLICK 2			<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
MICHELIN <span>NEW</span> POWER CUP 2		✓	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
MICHELIN POWER CUP EVO	 300 CC	✓	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
MICHELIN <span>NEW</span> POWER GP		✓	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
SUPERMOTO						
MICHELIN POWER SUPERMOTO			<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	
MICHELIN POWER SUPERMOTO RAIN			<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	







# COMPETITION ENGAGEMENT

## MOTOGP™

Michelin is the official and exclusive supplier to the MotoGP™ class since its return in 2016.



Since 1973, Michelin has won **433 VICTORIES** and **30 DRIVERS WORLD CHAMPIONSHIP TITLES** in the premier class with 14 different riders\*.

## KEY FIGURES:



**356,7 KM/H**: the absolute speed record in MotoGP™ achieved in 2019 by Andrea Dovizioso (Ducati/Michelin) at Mugello (Italy)



**55°**: lean angle of a MICHELIN Power Rain



**6 SEC**: the time to go from 340 kph to 90 kph at the first turn of the Sepang circuit (Malaysia)



**1 CREDIT CARD**: Equivalent front and rear tire ground contact area.



**6L** : the number of liters of water discharged by a MICHELIN Power Rain at 320 kph

## WSBK (WORLD SUPERBIKE)



**12 WORLD CHAMPION TITLE**

\* Chiffres à la fin de la saison 2019





## ***EWC (ENDURANCE WORLD CHAMPIONSHIP)***

**15 WORLD CHAMPION TITLE**

**13 VICTORIES IN THE 24 HEURES DU MANS (MOTO)**

**13 VICTORIES IN THE BOL D'OR**

**16 VICTORIES IN THE 8 HOURS OF SUZUKA**

**1 VICTORY IN THE 8 HOURS OF OSCHERSLEBEN**

**2 VICTORIES IN THE 8 HOURS OF DOHA.**

# MICHELIN / POWER PERFORMANCE SLICK



NON ROAD LEGAL

MOTO 1000CC & 600CC



MANDATORY  
TYRE  
WARMERS

COMPETITION TRACK DAY ROAD



WEATHER



**DELIVERING RACE-WINNING  
PACE LAP AFTER LAP!**



## WARM-UP

The tyre provides the grip needed from the first lap. The materials used allow the rubber to warm up quickly. It benefits from the latest technologies developed in MotoGP™.



## PERFORMANCE MADE TO LAST

The tyre delivers consistent performance, lap after lap. Consistence achieved thanks to a footprint that is uniform over the various camber phases\*.

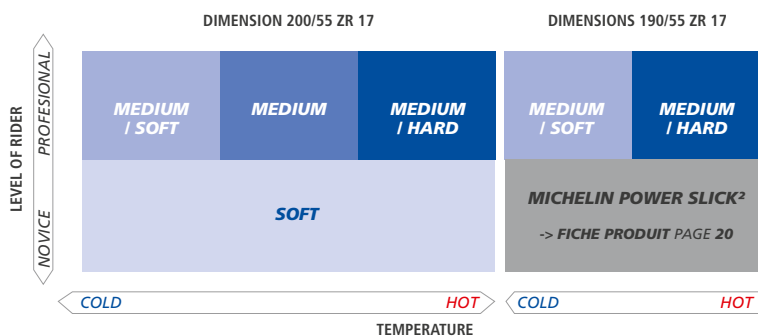
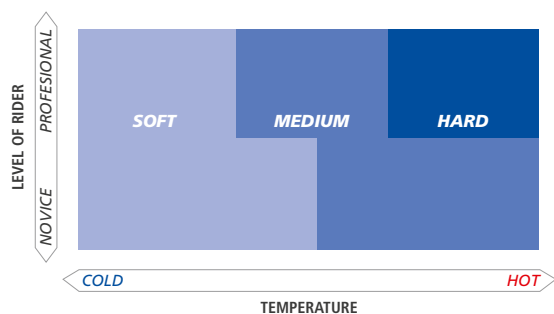


## EASY TO CONTROL

Developed to suit both amateur and experienced riders and all motorbikes.

Storage and transportation precautions : the Power Performance Slick tyres can suffer if they are stored, transported or handled at a temperature below 15°C.

Find a dealer on <https://fr.michelinmotorsport.com/Distributeurs>



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>	2.1 BAR - 30.5 PSI
HOT PRESSURE UNDER TYRE WARMERS <sup>(2)</sup>	2.4 TO 2.6 BAR - 34.8 TO 38 PSI
TARGET HOT PRESSURE (AFTER 6 LAPS)	2.4 TO 2.6 BAR - 34.8 TO 38 PSI

1.3 BAR - 18.9 PSI
1.6 TO 1.8 BAR - 23 TO 26 PSI
1.6 TO 1.8 BAR - 23 TO 26 PSI

WIDTH	RATIO	DIAM.	TL/TT	COMPOUND	CAI	
120	70	ZR	17	TL	SOFT	450713
120	70	ZR	17	TL	MEDIUM	890610
120	70	ZR	17	TL	HARD	845413

WIDTH	RATIO		DIAM.	TL/TT	COMPOUND	CAI
190	60	R	17		MEDIUM / HARD	986644
190	60	R	17		MEDIUM / SOFT	619972
200	55	ZR	17	TL	SOFT	373531
200	55	ZR	17	TL	MEDIUM / SOFT	426881
200	55	ZR	17	TL	MEDIUM	623973
200	55	ZR	17	TL	MEDIUM / HARD	206560
200	55	R	17	TL	EDITION P	493298

(1) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers. (2) Michelin recommends setting the tyre warmer temperature to 90 degrees. The pressures are given for information purposes only and depend on the equipment and its correct operation.\* Internal study carried out on the Jerez Circuit, September 2017, Yamaha R1 & BMW S1000RR.

\* Internal study carried out on the Jerez Circuit, September 2017, Yamaha R1 & BMW S1000RR.

# MICHELIN / POWER PERFORMANCE CUP


**NON ROAD LEGAL**
**MOTO 600CC**

**MANDATORY  
TYRE  
WARMERS**
**COMPETITION TRACK DAY ROAD**

**WEATHER**

**DELIVERING RACE-WINNING  
PACE LAP AFTER LAP!**


## WARM-UP

The tyre provides the grip needed from the first lap. The materials used allow the rubber to warm up quickly. It benefits from the latest technologies developed in MotoGP™.



## PERFORMANCE MADE TO LAST

The tyre delivers consistent performance, lap after lap. Consistence achieved thanks to a footprint that is uniform over the various camber phases\*.

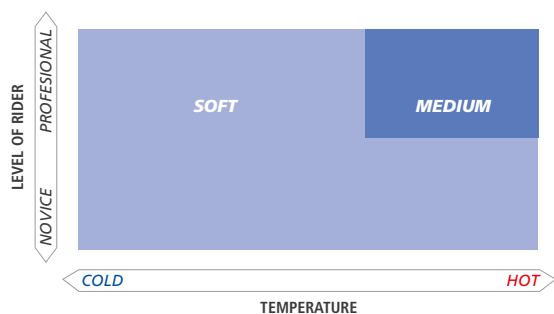


## DRIVING EASE

Treaded version of the MICHELIN Power Performance Slick, developed to suit both amateur and experienced riders and all motorbikes. The tyre is optimized for Supersport 600cc bikes riding in national and international championships.

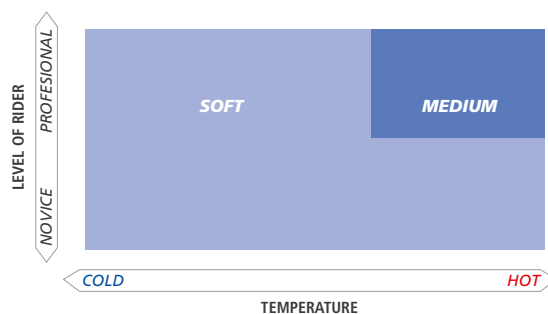
Storage and transportation precautions : the Power Performance Cup tyres can suffer if they are stored, transported or handled at a temperature below 15°C.

Find a dealer on <https://fr.michelinmotorsport.com/Distributeurs>



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>		<b>2.1 BAR - 30.5 PSI</b>
HOT PRESSURE UNDER TYRE WARMERS <sup>(2)</sup>		<b>2.4 TO 2.6 BAR - 34.8 TO 38 PSI</b>
TARGET HOT PRESSURE (AFTER 6 LAPS)		<b>2.4 TO 2.6 BAR - 34.8 TO 38 PSI</b>

WIDTH		RATIO		DIAM.	TL/TT	COMPOUND	CAI
120	70	ZR	17	TL	SOFT	776782	
120	70	ZR	17	TL	MEDIUM	112600	



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>		<b>1.3 BAR - 18.9 PSI</b>
HOT PRESSURE UNDER TYRE WARMERS <sup>(2)</sup>		<b>1.6 À 1.8 BAR - 23 TO 26 PSI</b>
TARGET HOT PRESSURE (AFTER 6 LAPS)		<b>1.6 TO 1.8 BAR - 23 TO 26 PSI</b>

WIDTH		RATIO		DIAM.	TL/TT	COMPOUND	CAI
190	55	ZR	17	TL	SOFT MEDIUM	035792	
190	55	ZR	17	TL		610363	
190	55	R	17	TL		618906	
190	55	R	17	TL		885185	

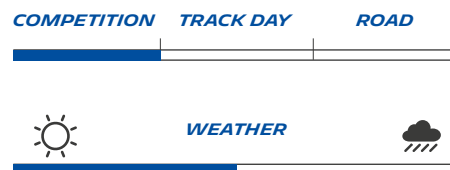
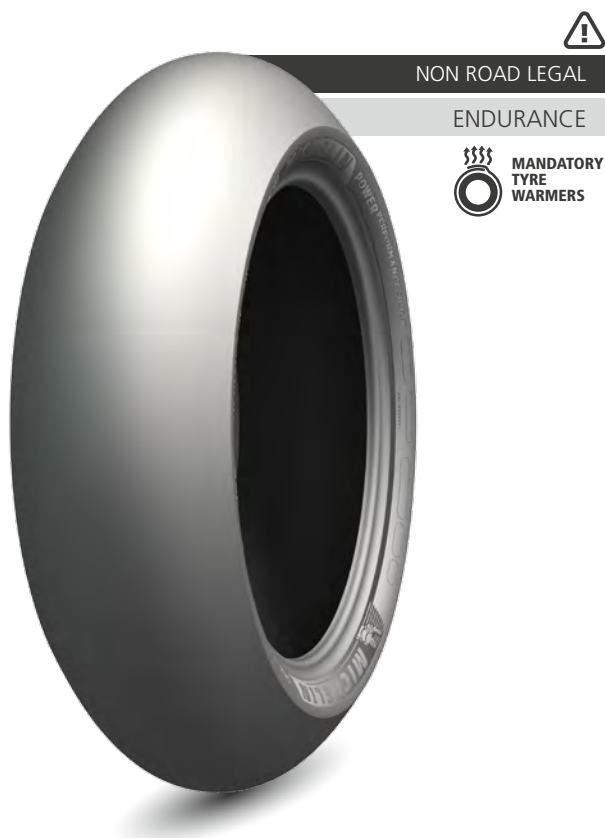
**DAYTONA  
PHILLIP  
ISLAND**

(1) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers.

(2) Michelin recommends setting the tyre warmer temperature to 90 degrees. The pressures are given for information purposes only and depend on the equipment and its correct operation.

\* Internal study carried out on the Jerez Circuit, September 2017, Yamaha R6

# MICHELIN / POWER PERFORMANCE 24



## DELIVERING RACE-WINNING PACE LAP AFTER LAP!



### LONG-LASTING STINTS

The rear tyre has been developed to last for 2 stints\* in Endurance racing. The technologies present stem from our experience in MotoGP™.



### WARM-UP

The tyre provides the grip needed from the first laps. The materials used allow the rubber to warm up quickly. It benefits from the latest technologies developed in MotoGP™.



### PERFORMANCE MADE TO LAST

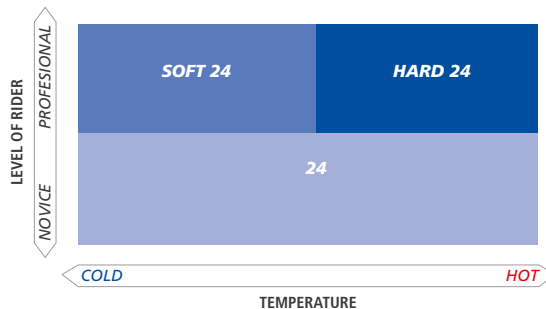
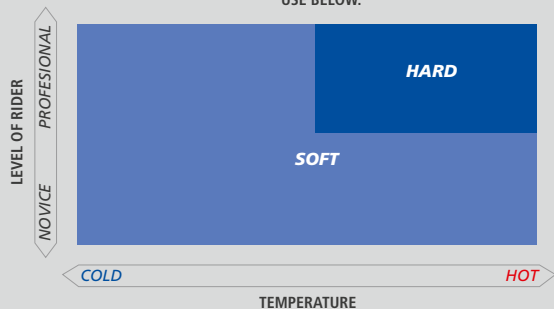
The tyre delivers consistent performance, stint after stint\*. Consistence achieved thanks to a footprint that is uniform over the various camber phases.

Storage and transportation precautions : the Power Performance 24 tyres can suffer if they are stored, transported or handled at a temperature below 15°C.

Find a dealer on <https://fr.michelinmotorsport.com/Distributeurs>

### ADVICE:

COMBINE THE REAR MICHELIN POWER PERFORMANCE 24 WITH A 120/70 R 17 MICHELIN POWER PERFORMANCE SLICK ON THE FRONT. CHOOSE THE COMPOUND ACCORDING TO THE CONDITIONS OF USE BELOW:



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>	1.3 BAR - 18.9 PSI
HOT PRESSURE UNDER TYRE WARMERS <sup>(2)</sup>	1.6 TO 1.8 BAR - 23 TO 26 PSI
TARGET HOT PRESSURE (AFTER 6 LAPS)	1.6 TO 1.8 BAR - 23 TO 26 PSI

WIDTH RATIO		DIAM.	TL/TT	COMPOUND	CAI	
200	55	R	17	TL	24	967394
200	60	R	17	TL	SOFT 24	732252
200	60	R	17	TL	HARD 24	630410

(1) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers.

(2) Michelin recommends setting the tyre warmer temperature to 90 degrees. The pressures are given for information purposes only and depend on the equipment and its correct operation.

\* Internal study carried out at Slovakia Ring, July 2019, Yamaha R1 & BMW S1000 RR.



# MICHELIN / Power Rain

COMPETITION TRACK DAY ROAD



WEATHER



## THE RAIN TYRE FOR THE TRACK



### EXTREME GRIP EVEN IN THE RAIN!

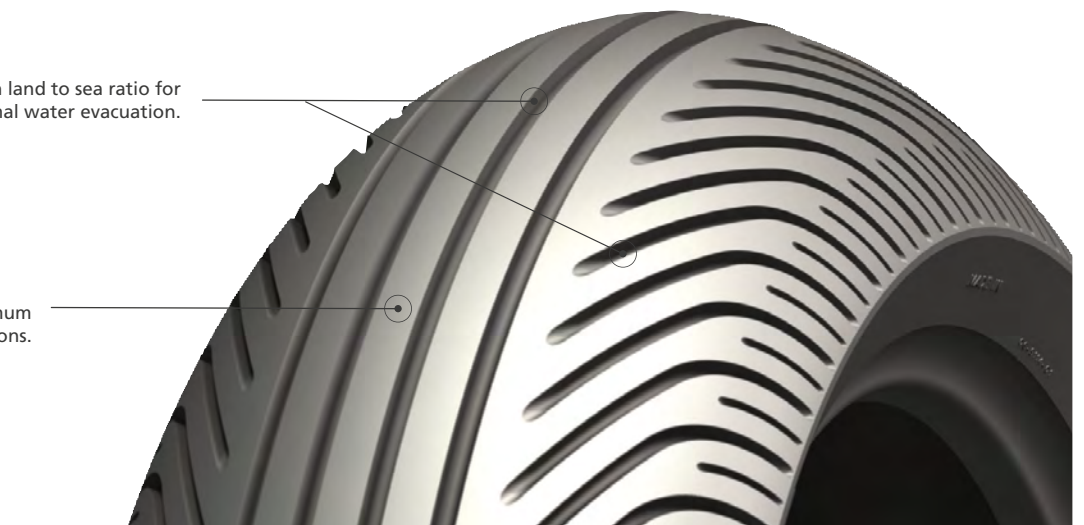
Specially designed so that your track days and races can go ahead even in the rain! The compound has been developed for maximum wet grip and its grooved tread ensures optimum water drainage.



NON ROAD LEGAL

A tread pattern with a high land to sea ratio for optimal water evacuation.

A special mix compound developed for maximum grip in wet conditions.



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>

2.3 BAR - 33 PSI

WIDTH	RATIO	DIAM.	TL/TT	CAI	Both dimensions work for 600 and 1000cc
120	70	ZR	17	TL	824200 Equivalent to 120/70 R 17



1.8 BAR - 26 PSI

WIDTH	RATIO	DIAM.	TL/TT	CAI	Both dimensions work for 600 and 1000cc
180	55	R	17	TL	407970 407970
19	69	R	17	TL	891701
					Wet track Dry or damp track Equivalent to 190/55 R 17

(1) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers.



**NEW**

# MICHELIN / POWER Slick<sup>2</sup>



NON ROAD LEGAL

COMPETITION TRACK DAY ROAD



WEATHER



DESIGNED FOR **MAXIMUM GRIP**  
ON THE TRACK



## MAXIMUM GRIP FOR FASTER LAP TIMES

The use of Dual Compound Technology + (2CT+) on the rear and Dual Compound Technology (2CT) on the front offers maximum straight-line grip and stability and good lean performance.



## PERFORMANCE FROM THE START

Synthetic Component Technology (SCT) promotes ultra-fast warm-up, which means that tyre warmers are not needed.



## PERFORMANCE MADE TO LAST

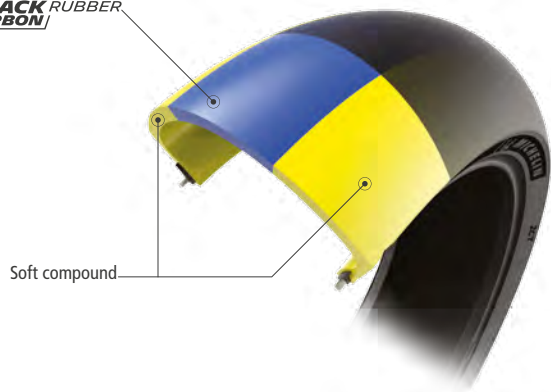
Constant high performance, over a single lap or long runs, due to the carbon black compounds in the tread.

Storage and transportation precautions : the MICHELIN Power Slick 2 tyres must not be handled below 5°C and must be at a temperature of 15°C, 24 hours before mounting or dismounting.



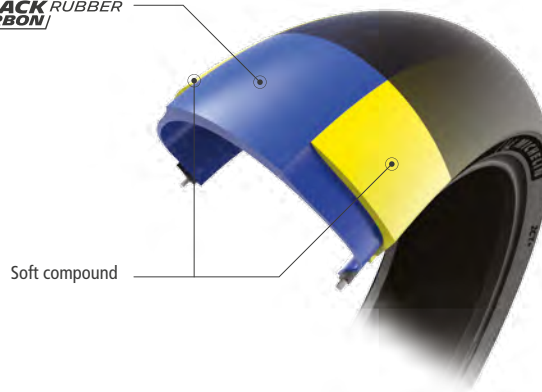
**2CT**  
TWO COMPOUND TECHNOLOGY

**BLACK RUBBER**  
**CARBON**



**2CT+**

**BLACK RUBBER**  
**CARBON**



RECOMMENDED MINIMUM COLD PRESSURE **2.1 BAR - 30.5 PSI**  
RECOMMENDED MINIMUM HOT PRESSURE **2.4 BAR - 34.8 PSI**

WIDTH	RATIO	DIAM.	TL/TT	LOAD INDEX	SPEED INDEX	CAI
120	70	ZR	17	TL	58	(W) 319748

RECOMMENDED MINIMUM COLD PRESSURE **1.5 BAR - 22 PSI**  
RECOMMENDED MINIMUM HOT PRESSURE **1.7 BAR - 24.65 PSI**

WIDTH	RATIO	DIAM.	TL/TT	LOAD INDEX	SPEED INDEX	CAI
190	55	ZR	17	TL	75	(W) 215802
200	55	ZR	17	TL	78	(W) 219685

**NEW**

**TRACK**

# MICHELIN / POWER Cup<sup>2</sup>



ROAD LEGAL

COMPETITION TRACK DAY ROAD



WEATHER



**DESIGNED FOR THE TRACK,  
APPROVED FOR THE ROAD**



## MAXIMUM GRIP

This dual compound tyre offers good straight-line and cornering grip through the use of Dual Compound Technology + (2CT+) on the rear and Dual Compound Technology (2CT) on the front.



## PERFORMANCE FROM THE START

This treaded version of MICHELIN's Power Slick 2 tyre, approved for road use, features Synthetic Component Technology (SCT) which promotes ultra-fast warm-up for immediate high performance on road or track.



## HIGH PERFORMANCE MADE TO LAST

Constant high performance, both on road and track thanks to the carbon black compounds in the tread. Already adopted by a number of premium manufacturers like KTM!



**ALREADY ADOPTED BY MANY PRESTIGIOUS  
MANUFACTURERS LIKE KTM!**

Storage and transportation precautions : the MICHELIN Power Cup 2 tyres must not be handled below 5°C and must be at a temperature of 15°C, 24 hours before mounting or dismounting.



**2CT** TWO COMPOUND TECHNOLOGY  
**SCT** SYNTHETIC COMPONENT TECHNOLOGY



**2CT+** TWO COMPOUND TECHNOLOGY  
**SCT** SYNTHETIC COMPONENT TECHNOLOGY



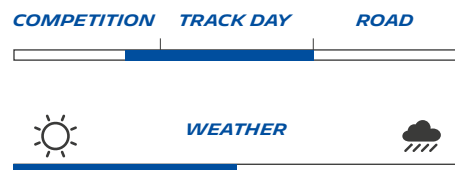
RECOMMENDED MINIMUM COLD PRESSURE	<b>2.1 BAR - 30.5 PSI</b>
RECOMMENDED MINIMUM HOT PRESSURE	<b>2.4 BAR - 34.8 PSI</b>

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL 451092

RECOMMENDED MINIMUM COLD PRESSURE	<b>1.5 BAR - 22 PSI</b>
RECOMMENDED MINIMUM HOT PRESSURE	<b>1.7 BAR - 24.65 PSI</b>

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR	17	73	(V)	TL 528570
190	55	ZR	17	75	(V)	TL 159578
200	55	ZR	17	78	(V)	TL 149276

# MICHELIN / POWER Cup<sup>Evo</sup>



DESIGNED FOR THE TRACK AND  
APPROVED FOR ROAD USE ON 300 CC  
MOTORCYCLES



## MAXIMUM GRIP

Excellent grip with Dual Compound Technology (2CT) for a versatile tyre approved for road use.



## READY TO USE

A plug & play tyre which can be used immediately without any specific adjustments or the need for tyre warmers.



RECOMMENDED MINIMUM COLD PRESSURE ON TRACK	2.1 BAR - 30.5 PSI
RECOMMENDED MINIMUM HOT PRESSURE	2.4 BAR - 34.8 PSI

1.5 BAR - 22 PSI
1.7 BAR - 24.65 PSI

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
110	70	ZR	17	54	(W)	TL	833295
120	70	ZR	17	58	(W)	TL	149126

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
140	70	ZR	17	66	(W)	TL	389695
150	60	ZR	17	66	(W)	TL	981679
160	60	ZR	17	69	(W)	TJ	050185

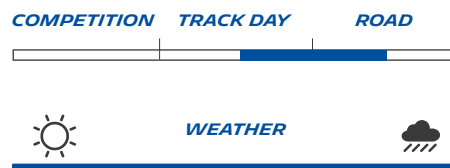
**NEW**

**TRACK**

# MICHELIN / POWER GP



ROAD LEGAL



**ROAD OR TRACK,  
YOUR CHOICE!**



## OPTIMISED GRIP

Tyre featuring Dual Compound Technology (2CT) and Dual Compound Technology + (2CT+) providing excellent grip when leaning due to the carbon black compounds, and a 6.5% land to sea ratio with wide slick areas on the shoulders.



## AGILE ON ROAD AND TRACK

An ideal profile for optimum handling on road or track.



## PERFORMANCE FROM THE START

Synthetic Component Technology (SCT) promotes ultra-fast warm-up for immediate high performance on road or track.



**2CT**  
TWO COMPOUND TECHNOLOGY

**SILICA** RUBBER

**BLACK CARBON** RUBBER



**2CT+**

**SILICA** RUBBER

**BLACK CARBON** RUBBER



MINIMUM COLD PRESSURE ON TRACK

**2.1 BAR - 30.5 PSI**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL 171285

**1.9 BAR - 27.5 PSI**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR	17	73	(V)	TL 863487
190	50	ZR	17	73	(V)	TL 199086
190	55	ZR	17	75	(V)	TL 036004
200	55	ZR	17	78	(V)	TL 000662





NON ROAD LEGAL



COMPETITION TRACK DAY ROAD



WEATHER



## TYRE FOR SUPERMOTO COMPETITIONS



### DIFFERENT VERSIONS FOR VARIOUS TRACK CONDITIONS

Choose the most suitable version for the track and the climatic conditions. A special compound to deal with all the track features and ensure optimum longevity!



### IMMEDIATE, PRECISE FEEDBACK

A profile popular with riders for its handling and immediate, precise feedback.



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>	1.8 BAR - 26 PSI
TARGET HOT PRESSURE (AFTER 6 LAPS) <sup>(2)</sup>	2.0 BAR - 29 PSI

WIDTH	RATIO		DIAM.	TL/TT	VERSION	CAI
120	75	R	16.5	TL	A	715737
120	75	R	16.5	TL	B	366559
120	80		16	TL	A	120870
120	80		16		B	313249



1.6 BAR - 23 PSI
1.9 BAR - 27.5 PSI

WIDTH	RATIO	DIAM.	TL/TT	VERSION	CAI	
160	60	R	17	TL	C	487703
160	60	R	17	TL	B2	850136

VERSIONS : A, B and C compounds from most grip to longest life.

(1) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers.  
(2) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers.



NON ROAD LEGAL



COMPETITION TRACK DAY ROAD



WEATHER



## TYRE FOR SUPERMOTO COMPETITIONS - EVEN IN THE RAIN



### EXTREME GRIP EVEN IN THE RAIN!

Specially designed so that your racing can continue in the rain! The compound has been developed for maximum wet grip and its grooved tread ensures optimum water drainage.



MINIMUM COLD PRESSURE ON TRACK <sup>(1)</sup>	2 BAR - 29 PSI
---	----------------

WIDTH		RATIO		DIAM.	TL/TT	VERSION	CAI
120	75	R	16.5	TL	RAIN	060771	
120	80		16	TL	RAIN	886449	



1.8 BAR - 26 PSI
------------------

WIDTH	RATIO	DIAM.	TL/TT	VERSION	CAI	
160	60	R	17	TL	RAIN	784399

(1) Pressure taken with tyre and rim at ambient temperature, just before the first ride or just before installing the tyre warmers.



# DIMENSIONS



## MICHELIN POWER PERFORMANCE SLICK

WIDTH	RATIO		DIAM.	TL/TT	COMPOUND	CAI
120	70	ZR	17	TL	SOFT	450713
120	70	ZR	17	TL	MEDIUM	890610
120	70	ZR	17	TL	HARD	845413

## MICHELIN POWER PERFORMANCE CUP

WIDTH RATIO		DIAM.	TL/TT	COMPOUND	CAI	
120	70	ZR	17	TL	SOFT	776782
120	70	ZR	17	TL	MEDIUM	112600

## MICHELIN POWER PERFORMANCE 24

WIDTH	RATIO	DIAM.	TL/TT	COMPOUND	CAI	
120	70	ZR	17	TL	SOFT	776782
120	70	ZR	17	TL	MEDIUM	112600

## MICHELIN POWER RAIN

WIDTH   RATIO		DIAM.	TL/TT	CAI	Both dimensions work for 600 and 1000cc	
120	70	ZR	17	TL	824200	Equivalent to 120/70 R 17

## MICHELIN POWER SLICK 2

WIDTH	RATIO	DIAM.	TL/TT	LOAD INDEX	SPEED INDEX	CAI
120	70	ZR	17	TL	58	(W) 319748

## MICHELIN POWER CUP 2

WIDTH RATIO		DIAM.		LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL	451092

## MICHELIN POWER CUP EVO

WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	70	ZR	17	54	(W)	TL	833295
120	70	ZR	17	58	(W)	TL	149126

## MICHELIN POWER GP

WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	70	ZR	17	54	(W)	TL	833295
120	70	ZR	17	58	(W)	TL	149126



## MICHELIN POWER SUPERMOTO SLICK

WIDTH		RATIO		DIAM.	TL/TT	VERSION	CAI
120	75	R	16.5	TL	A	715737	
120	75	R	16.5	TL	B	366559	
120	80		16	TL	A	120870	
120	80		16		B	313249	

## MICHELIN POWER SUPERMOTO RAIN

WIDTH	RATIO		DIAM.	TL/TT	VERSION	CAI
120	75	R	16.5	TL	RAIN	060771
120	80		16	TL	RAIN	886449



WIDTH	RATIO		DIAM.	TL/TT	COMPOUND	CAI
190	60	R	17		MEDIUM / HARD	986644
190	60	R	17		MEDIUM / SOFT	619972
200	55	ZR	17	TL	SOFT	373531
200	55	ZR	17	TL	MEDIUM / SOFT	426881
200	55	ZR	17	TL	MEDIUM	623973
200	55	ZR	17	TL	MEDIUM / HARD	206560
200	55	R	17	TL	EDITION P	493298

**PHILIP ISLAND**

WIDTH	RATIO	DIAM.	TL/TT	COMPOUND	CAI	
190	55	ZR	17	TL	SOFT	035792
190	55	ZR	17	TL	MEDIUM	610363
190	55	R	17	TL		618906
190	55	R	17	TL		885185

**DAYTONA PHILIP ISLAND**

LARG.	RATIO		DIAM.	TL/TT	GOMME	CAI
200	55	R	17	TL	24	967394
200	60	R	17	TL	SOFT 24	732252
200	60	R	17	TL	HARD 24	630410

WIDTH RATIO		DIAM. TL/TT			CAI	Both dimensions work for 600 and 1000cc		
180	55	R	17	TL	407970	Wet track		
19	69	R	17	TL	891701	Dry or damp track	Equivalent to 190/55 R 17	

Equivalent to 190/55 R 17

WIDTH	RATIO		DIAM.	TL/TT	LOAD INDEX	SPEED INDEX	CAI
190	55	ZR	17	TL	75	(W)	215802
200	55	ZR	17	TL	78	(W)	219685

WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR	17	73	(W)	TL	528570
190	55	ZR	17	75	(W)	TL	159578
200	55	ZR	17	78	(W)	TL	149276

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
140	70	ZR	17	66	(W)	TL	389695
150	60	ZR	17	66	(W)	TL	981679
160	60	ZR	17	69	(W)	TL	050185

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
			66				
140	70	ZR	17	66	(W)	TL	389695
150	60	ZR	17	69	(W)	TL	981679
160	60	ZR	17		(W)	TL	050185



WIDTH		RATIO		DIAM.	TL/TT	VERSION	CAI
160	60	R	17	TL	C	487703	
160	60	R	17	TL	B2	850136	

VERSIONS: A, B AND C COMPOUNDS FROM MOST GRIP TO LONGEST LIFE.

WIDTH		RATIO		DIAM.	TL/TT	VERSION	CAI
160	60	R	17	TL	RAIN	784399	

# SPORT & ROAD

<b>HYPERSPORT</b>	30	MICHELIN POWER CUP 2 <b>NEW</b>	32
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# 5<sup>ÈME</sup> GENERATION... MAKE YOUR CHOICE!

	PERFORMANCES						
							
MICHELIN <b>POWER 5</b>	★★★★★	★★★★☆	★★★★☆	★★★★★	★★★★☆	★★★★★	★★★★★
MICHELIN <b>ROAD 5</b>	★★★★☆	★★★★★	★★★★★	★★★★☆	★★★★★	★★★★☆	★★★★★



DRY GRIP



WET GRIP



WET BRAKING  
DISTANCE



WARM-UP



LONGEVITY



HANDLING



STABILITY

MICHELIN usage recommendations, Indicative performance rating for MICHELIN tires.



***HYPER SPORT***

**MICHELIN  
POWER<sup>5</sup>**



OFFICIAL MotoGP CLASS TYRE






Technologies inspirées par la MotoGP™

***SPORT TOURING***

**MICHELIN  
ROAD<sup>5</sup>**



# SPORT & ROAD HYPERSPORT

	ROAD TYPE		PERFORMANCES				
	TRACK	ROAD					
<b>MICHELIN</b> <span>NEW</span> POWER CUP 2	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★☆☆	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> <span>NEW</span> POWER GP	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★☆	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> <span>NEW</span> POWER 5	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> PILOT POWER 3	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> PILOT POWER 2CT	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> PILOT POWER	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★



DRY GRIP



WET GRIP



WARM-UP



HANDLING



STABILITY

MICHELIN usage recommendations, Indicative performance rating for MICHELIN tires.







**NEW**

# MICHELIN / POWER Cup<sup>2</sup>



ROAD LEGAL

TRACK

ROAD

**DESIGNED FOR TRACK USE,  
APPROVED FOR ROAD USE**



## MAXIMUM GRIP

This dual compound tyre offers good straight-line and cornering grip through the use of Dual Compound Technology + (2CT+) on the rear and Dual Compound Technology (2CT) on the front.



## PERFORMANCE FROM THE START

This treaded version of MICHELIN's Power Slick 2, approved for road use, features Synthetic Component Technology (SCT) which promotes ultra-fast warm-up for immediate high performance on road or track.



## HIGH PERFORMANCE MADE TO LAST

Constant high performance, both on road and track thanks to the carbon black compounds in the tread. Already adopted by a number of premium manufacturers like KTM!

TIER 1

Storage and transportation precautions : the MICHELIN Power Cup 2 tyres must not be handled below 5°C and must be at a temperature of 15°C, 24 hours before mounting or dismounting.



**2CT**  
TWO COMPOUND TECHNOLOGY

**SCT**  
SYNTHETIC COMPONENT TECHNOLOGY



RECOMMENDED MINIMUM COLD PRESSURE **2.1 BAR - 30.5 PSI**  
RECOMMENDED MINIMUM HOT PRESSURE **2.4 BAR - 34.8 PSI**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	451092



**2CT+**

**SCT**  
SYNTHETIC COMPONENT TECHNOLOGY



RECOMMENDED MINIMUM COLD PRESSURE **1.5 BAR - 22 PSI**  
RECOMMENDED MINIMUM HOT PRESSURE **1.7 BAR - 24.65 PSI**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR 17	73	(W)	TL	528570
190	55	ZR 17	75	(W)	TL	159578
200	55	ZR 17	78	(W)	TL	149276



**NEW**

**SPORT&ROAD** HYPERSPORT

**MICHELIN / POWER GP**

TRACK

ROAD

**ROAD OR TRACK,  
YOUR CHOICE!**



**OPTIMISED GRIP**

Tyre featuring Dual Compound Technology (2CT) and Dual Compound Technology + (2CT+) providing excellent grip when leaning due to the carbon black compounds, and a 6.5% land to sea ratio with wide slick areas on the shoulders.



**AGILE ON ROAD AND TRACK**

An ideal profile for optimum handling on road or track.



**PERFORMANCE FROM THE START**

Synthetic Component Technology (SCT) promotes ultra-fast warm-up for immediate high performance on road or track.

**TIER 1**



**2CT**  
TWO COMPOUND TECHNOLOGY

**SILICA** RUBBER

**BLACK CARBON** RUBBER



MINIMUM COLD PRESSURE ON TRACK

**2.1 BAR - 30.5 PSI**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	171285



**2CT+**

**SILICA** RUBBER

**BLACK CARBON** RUBBER



**1.9 BAR - 27.5 PSI**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR 17	73	(V)	TL	863487
190	50	ZR 17	73	(V)	TL	199086
190	55	ZR 17	75	(V)	TL	036004
200	55	ZR 17	78	(V)	TL	000662

**NEW**

# MICHELIN / POWER<sup>5</sup>



TRACK

ROAD

## THE SPORTY ROAD TYRE CHOICE



### EXCELLENT GRIP ON DRY AND WET SURFACES

This dual compound tyre offers good straight-line and cornering grip through the use of Dual Compound Technology + (2CT+) on the rear and Dual Compound Technology (2CT) on the front. 11% land to sea ratio and 100% silica rear tyre ensure maximum enjoyment on dry roads and improved safety on wet roads.\*



### AN EVERY DAY SPORTY RIDE

With a casing derived from our track range, the profile of MICHELIN POWER 5 tyre offers enhanced road handling performance.\*\*



### ENHANCED SAFETY

The rigidity of the casing adapts according to the tyre lean angle, giving it both outstanding straight-line and cornering stability.\*\*\*



APPROVED ON THE HONDA CB 1000 R

TIER 1



**2CT**  
TWO COMPOUND TECHNOLOGY



**2CT+**  
**SILICA** RUBBER



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	064441

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR 17	69	(W)	TL	934330
180	55	ZR 17	73	(W)	TL	850757
190	50	ZR 17	73	(W)	TL	307640
190	55	ZR 17	75	(W)	TL	518184
200	55	ZR 17	78	(W)	TL	636793





\* MICHELIN Power 5, best performance in the wet and 4 seconds per lap faster than leading competitors. Based on in-house study, carried out under independent supervision on 11th March 2020 at the Fontange circuit (France), comparing hypersport tyres (MICHELIN Power 5, BRIDGESTONE Battlax Hypersport S22, METZELER Sportech M9 RR, PIRELLI Diablo Rosso 3, DUNLOP Sportsmart MK3 & CONTINENTAL ContiSport Attack 4) on a BMW S100R motorcycle fitted with a 12/70 ZR 17 front tyre and a 190/55 ZR 17 rear tyre.

\*\* MICHELIN Power 5 best cornering in dry conditions with 7.8% more lean angle compared to leading competitors. Based on in-house study, carried out under independent supervision on 19th May 2020 at the Fontange circuit (France), comparing hypersport tyres (MICHELIN Power 5, BRIDGESTONE Battlax Hypersport S22, METZELER Sportech M9 RR, PIRELLI Diablo Rosso 3, DUNLOP Sportsmart MK3 & CONTINENTAL ContiSport Attack 4) on a BMW S100R motorcycle fitted with a 12/70 ZR 17 front tyre and a 190/55 ZR 17 rear tyre.

\*\*\* MICHELIN Power 5 best stability with a 47% reduction in weave amplitude compared to leading competitors. Based on in-house study, carried out under independent supervision on 11th March 2020 at the Fontange circuit (France), comparing hypersport tyres (MICHELIN Power 5, BRIDGESTONE Battlax Hypersport S22, METZELER Sportech M9 RR, PIRELLI Diablo Rosso 3, DUNLOP Sportsmart MK3 & CONTINENTAL ContiSport Attack 4) on a BMW S100R motorcycle fitted with a 12/70 ZR 17 front tyre and a 190/55 ZR 17 rear tyre.





TRACK

ROAD

## SPORTS PERFORMANCE FOR YOUR MOTORCYCLE

### GRIP, EVEN ON WET SURFACES



Dual Compound Technology (2CT) and Dual Compound Technology + (2CT+), combined with an optimum compound mix, provide excellent dry and wet grip.



### GOOD CORNERING PERFORMANCE

The tyre profile promotes agility and handling when cornering.

TIER 2



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	421457 <b>BMW OE</b>



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR 17	69	(W)	TL	011906
180	55	ZR 17	73	(W)	TL	951109 <b>BMW OE</b>
190	50	ZR 17	73	(W)	TL	015450
190	55	ZR 17	75	(W)	TL	796739
240	45	ZR 17	82	(W)	TL	926270



TRACK

ROAD

## FIRST TYRE TO USE DUAL COMPOUND IN OUR SPORTS RANGE



### GRIP, EVEN ON WET SURFACES

Dual Compound Technology (2CT), combined with an optimum compound mix, provides excellent dry and wet grip.



### STRAIGHT-LINE SAFETY

The casing of the MICHELIN Pilot Power 2CT tyre reduces straight-line handlebar wobble.

TIER 2



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	70	ZR 17	54	(W)	TL	031404
120	60	ZR 17	55	(W)	TL	925136
120	65	ZR 17	56	(W)	TL	854437
120	70	ZR 17	58	(W)	TL	461948



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150	60	ZR 17	66	(W)	TL	353471
160	60	ZR 17	69	(W)	TL	405333
170	60	ZR 17	72	(W)	TL	076572
180	55	ZR 17	73	(W)	TL	565081
190	50	ZR 17	73	(W)	TL	091745
190	55	ZR 17	75	(W)	TL	549705



MICHELIN / Pilot POWER



TRACK

ROAD

FIRST GENERATION OF THE MICHELIN POWER RANGE



**DRY AND WET GRIP**  
First generation of the MICHELIN Power range offering good dry and wet grip.

TIER 3



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL	815148




WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR	17	69	(W)	TL	904480
180	55	ZR	17	73	(W)	TL	990721
190	50	ZR	17	73	(W)	TL	632398
190	55	ZR	17	75	(W)	TL	039922



# SPORT & ROAD

## SPORT TOURING

	ROAD TYPE		PERFORMANCE				
	URBAN	ROAD					
<b>MICHELIN</b> ROAD 5			★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> <b>NEW</b> ROAD 5 GT			★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> PILOT ROAD 4			★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
<b>MICHELIN</b> PILOT ROAD 4 GT			★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★★
<b>MICHELIN</b> PILOT ROAD 3			★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆
<b>MICHELIN</b> PILOT ROAD 2			★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆
<b>MICHELIN</b> PILOT STREET RADIAL			★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆



DRY GRIP



WET GRIP



LONGEVITY



WET BRAKING DISTANCE



STABILITY

MICHELIN usage recommendations, Indicative performance rating for MICHELIN tires.







# MICHELIN / ROAD<sup>5</sup>



URBAN

ROAD

**THE MICHELIN ROAD TYRE THAT OFFERS SAFETY AND RIDING ENJOYMENT, ON BOTH DRY AND WET SURFACES, EVEN AFTER 5000 KM (3107 MILES)\***



## EXCELLENT ON WET ROADS

With Dual Compound Technology (2CT), Dual Compound Technology + (2CT+) and its 3D progressive siped tread, the MICHELIN Road 5 tyre provides excellent wet grip.



## MAXIMUM SAFETY

Even after 5000 km (3107 miles), the MICHELIN X-Sipe Technology Evo (XST EVO) 3D progressive sipes provide improved braking on wet roads\*.



## RIDING ENJOYMENT

The MICHELIN Road 5 tyre offers excellent performance with its MICHELIN Adaptive Casing Technology + (ACT+) patented casing.



**APPROVED ON THE YAMAHA MT07 AND XSR700, KTM DUKE 125, 390 AND 790, HONDA CB500, TVS MOTOR APACHE 310RR.**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	70	ZR 17	54	(W)	TL	062312
120	60	ZR 17	55	(W)	TL	094996
120	70	ZR 17	58	(W)	TL	162459

**HONDA & BMW OE**

\* According to an independently-observed in-house test conducted at Michelin's Ladoux test track, in October 2017, comparing MICHELIN Road 5 tyres, used for 5636 km (3502 miles), with new MICHELIN Pilot Road 4 tyres on a Suzuki Bandit 1250.

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
140	70	ZR 17	66	(W)	TL	832351
150	60	ZR 17	66	(W)	TL	571086
150	70	ZR 17	69	(W)	TL	236462
160	60	ZR 17	69	(W)	TL	088877
180	55	ZR 17	73	(W)	TL	420895
190	50	ZR 17	73	(W)	TL	811140
190	55	ZR 17	75	(W)	TL	441445

**HONDA & BMW OE**



**NEW**

**SPORT&ROAD** SPORT TOURING

# MICHELIN / ROAD 5 GT

URBAN

ROAD



**THE MICHELIN ROAD TYRE THAT OFFERS SAFETY AND RIDING ENJOYMENT YOUR GT BIKE, ON BOTH DRY AND WET SURFACES, EVEN AFTER 5000 KM (3107 MILES)\***



## EXCELLENT ON WET ROADS

With Dual Compound Technology (2CT), Dual Compound Technology + (2CT+) and its 3D progressive siped tread, the MICHELIN Road 5 tyre provides excellent wet grip.



## MAXIMUM SAFETY

Even after 5000 km (3107 miles), the MICHELIN X-Sipe Technology Evo (XST EVO) 3D progressive sipes provide improved braking on wet roads\*.



## ENHANCED SAFETY

Your GT bike is fun to ride, with greater safety, comfort and stability on dry and wet surfaces as the casing has been specifically developed for GT bikes.



APPROVED ON THE BMW 900XR AND R 1250 RT

TIER 1



Hard compound

**2CT**  
TWO COMPOUND TECHNOLOGY

Soft compound



SHard compound

**2CT+**

Soft compound



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
120	70	ZR 17	58	(V)	TL	149254	BMW OE
120	70	ZR 18	59	(V)	TL	954034	

\* According to an independently-observed in-house test conducted at Michelin's Ladoux test track, in October 2017, comparing MICHELIN Road 5 tyres, used for 5636 km (3502 miles), with new MICHELIN Pilot Road 4 tyres on a Suzuki Bandit 1250.

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
170	60	ZR 17	72	(V)	TL	372036	BMW OE
180	55	ZR 17	73	(V)	TL	931641	
190	50	ZR 17	73	(V)	TL	247672	
190	55	ZR 17	75	(V)	TL	087615	

# MICHELIN / PILOT Road<sup>4</sup>

URBAN

ROAD



TIER 2

## SAFETY AND RIDING ENJOYMENT ON DRY AND WET SURFACES



### SAFETY ON WET SURFACES

The patented MICHELIN X-Sipe Technology + (XST+) provides enhanced grip on wet roads and slippery surfaces.



### HIGHER MILEAGE

Rubber compounds created to make the tyre longer-lasting.



ÉQUIPE EN PREMIÈRE MONTE LES BMW R 1200 R, BMW R1200 RS ET YAMAHA MT07 TRACER.



WIDTH RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120 60 ZR 17	55	(W)	TL	451037	HONDA & BMW OE
120 70 ZR 17	58	(W)	TL	103565	

WIDTH RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150 70 ZR 17	69	(W)	TL	282338	HONDA OE BMW OE
160 60 ZR 17	69	(W)	TL	099715	
180 55 ZR 17	73	(W)	TL	694117	
190 50 ZR 17	73	(W)	TL	866175	
190 55 ZR 17	73	(W)	TL	029239	

# MICHELIN / PILOT Road<sup>4</sup> GT

URBAN

ROAD



TIER 2

## YOUR GT BIKE IS SAFE AND FUN TO RIDE ON DRY AND WET SURFACES



### SAFETY ON WET SURFACES

The patented MICHELIN X-Sipe Technology + (XST+) provides enhanced grip on wet roads and slippery surfaces.



### ENHANCED SAFETY

Even greater safety and comfort with MICHELIN Dual Angle Technology (2AT) which combines bias and radial technologies and provides enhanced stability for GT bikes.



APPROVED AND EQUIPS ON THE BMW R1200 RT AND THE F800 GT



WIDTH RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120 70 ZR 17	58	(W)	TL	429567	BMW OE
120 70 ZR 18	59	(W)	TL	340248	

WIDTH RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
170 60 ZR 17	72	(W)	TL	GT 534051	BMW OE
180 55 ZR 17	73	(W)	TL	GT 024138	
190 50 ZR 17	73	(W)	TL	GT 319435	
190 55 ZR 17	75	(W)	TL	GT 271932	









URBAN

ROAD

**SAFETY AND RIDING ENJOYMENT  
ON THE ROAD**



## WET GRIP

First siped tyre to use X-Sipe Technology (XST) to provide wet grip.

TIER 3



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	80	ZR	18	58	(W)	TL	196815
110	70	ZR	17	54	(W)	TL	058630
120	70	ZR	17	58	(W)	TL	948428



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR	18	70	(W)	TL	463725



URBAN

ROAD

**FIRST GENERATION OF OUR MICHELIN  
PILOT ROAD DUAL COMPOUND RANGE**



## 2 COMPOUNDS FOR GREATER LONGEVITY

Different compounds in the centre and on the shoulders so that the tyres are long-lasting.

TIER 3



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL	405043



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150	70	ZR	17	69	(W)	TL	174174
160	60	ZR	17	69	(W)	TL	003500
180	55	ZR	17	73	(W)	TL	816300
190	50	ZR	17	73	(W)	TL	871087

# MICHELIN / PILOT Street Radial



MOTO 600CC

URBAN

ROAD

**RADIAL TECHNOLOGY FOR YOUR MOTORCYCLE**

**WIDER CONTACT PATCH**

Optimised contact patch thanks to radial technology.

TIER 3



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	R	17	54	H	TL/TT	401784
120	70	ZR	17	58	W	TL	152108
120	70	R	17	58	H	TL/TT	298796



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
130	70	R	17	62	H	TL/TT	269189
140	70	R	17	66	H	TL/TT	566085
150	60	R	17	66	H	TL/TT	720861
150	60	R	17	66	H	TL/TT	084941
160	60	R	17	69	H	TL/TT	342211
160	60	ZR	17	69	(W)	TL	932566
180	55	ZR	17	73	(W)	TL	813153





**NEW**

# MICHELIN / ROAD CLASSIC



URBAN

ROAD

## MODERN TECHNOLOGIES TO MAKE THE MOST OF YOUR CLASSIC BIKE!



### 50% MORE WET GRIP THAN THE PREVIOUS GENERATION\*

A compound mix incorporating Silica Rain Technology (SRT), an innovation which combined with a 26% void ratio gives 50% more wet grip than the previous generation\*



### 50% MORE CORNERING STABILITY AND 40% MORE STRAIGHT-LINE STABILITY THAN THE PREVIOUS GENERATION\*\*

Thanks to its Bias-belted technology and bias casing supported by two crown plies give the MICHELIN Road Classic tyre 50% more stability when cornering and 40% more straight-line stability than the previous generation.\*\*

TIER 1



**APPROVED ON ICONIC MODELS**  
THE MICHELIN ROAD CLASSIC TYRE HAS ALREADY RECEIVED TECHNICAL APPROVAL FROM TRIUMPH FOR IT MOST ICONIC MODELS (BONNEVILLE, STREET TWIN, ETC.)



WIDTH RATIO			DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
90	90	B	18	51	H	TL	532828
100	80	B	17	52	H	TL	133164
100	90	-	18	56	H	TL	301424
100	90	B	19	57	V	TL	740499
110	70	B	17	54	H	TL	259439
110	80	B	17	57	V	TL	447169
110	80	B	18	58	V	TL	603265
110	90	B	18	61	V	TL	658195
3.25		B	19	54	H	TL	960520

WIDTH RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
120	90	B	18	65	V	TL	149239
130	70	B	17	62	H	TL	396007
130	70	B	18	63	H	TL	455301
130	80	B	17	65	H	TL	638404
130	80	B	18	66	V	TL	592450
130	90	B	17	68	V	TL	088531
140	80	B	17	69	V	TL	660026
150	70	B	17	69	V	TL	003853
4.00		B	18	64	H	TL	460644
150	70	R	17	69	H	TL	682937

\* In-house comparison of the MICHELIN Road Classic and MICHELIN Pilot Activ ranges conducted on 16/06/2020 at the Fontange track (France) with front dimension 100/90 B19 and rear dimension 130/80 B17 on a Triumph Bonneville T100.  
\*\* In-house comparison of the MICHELIN Road Classic and MICHELIN Pilot Activ ranges conducted on 22/06/2020 at the Ladoux track (France) with front dimension 100/90 B19 and rear dimension 130/80 B17 on a Triumph Bonneville T100.








# SPORT & ROAD CRUISER

	STYLE	ROAD TYPE		PERFORMANCE				
		URBAN	ROAD	KM MILES	Grip	Grip		
<b>MICHELIN</b> <small>NEW</small> COMMANDER III CRUISER	CRUISER			★★★★☆	★★★★★	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> <small>NEW</small> COMMANDER III TOURING	TOURING			★★★★★	★★★★☆	★★★★★	★★★★★	★★★★★
<b>MICHELIN</b> COMMANDER II	CRUISER & TOURING			★★★★☆	★★★☆☆	★★★★★	★★★★☆	★★★★☆

<b>MICHELIN</b> <small>NEW</small> SCORCHER ADVENTURE				<p>MICHELIN SCORCHER, THE ORIGINAL EQUIPMENT CO-DEVELOPED, HOMOLOGATED AND BRANDED BY HARLEY-DAVIDSON®</p> <p>EACH TYRE IS DEVELOPED TO FIT PERFECTLY AN HARLEY-DAVIDSON® MOTORCYCLE RANGE.</p>
<b>MICHELIN</b> <small>NEW</small> SCORCHER CUSTOM				
<b>MICHELIN</b> SCORCHER SPORT				
<b>MICHELIN</b> SCORCHER 11				
<b>MICHELIN</b> SCORCHER 21				
<b>MICHELIN</b> SCORCHER 31				
<b>MICHELIN</b> SCORCHER 32				



LONGEVITY



WET GRIP



DRY GRIP



WET BRAKING DISTANCE



HANDLING

MICHELIN usage recommendations, Indicative performance rating for MICHELIN tires.







**NEW**

# MICHELIN / COMMANDER III TOURING

URBAN

ROAD



## LONGEVITY, WET GRIP AND HANDLING PERFORMANCE FOR YOUR TOURING BIKE



### LONGEVITY CONTINUED FROM THE MICHELIN COMMANDER II TYRE

Longevity continued from the MICHELIN COMMANDER II tyre, even with loaded bikes, due to a new compound mix incorporating Silica Rain Technology (SRT) and optimisation of the contact patch.



### IMPROVED GRIP IN COMPARISON WITH THE MICHELIN COMMANDER II

The 100% silica compound provides enhanced wet grip\* in comparison with the MICHELIN COMMANDER II tyre.



### NEW PROFILE MAKES FOR EXCELLENT HANDLING

Amplified Density Technology (ADT) combined with its new profile give the MICHELIN COMMANDER III Touring tyre enhanced handling when cornering, exceeding that of the MICHELIN COMMANDER II tyre.



DIMENSION	TL/TT	CAI	TUBE
MH90 - 21 M/C 54H	TL/TT	568477	21MD
120/70 R 19 M/C 60V	TL/TT	855243	19MF
120/70 B 21 M/C 68H REINF	TL/TT	382734	
130/60 B 19 M/C 61H	TL/TT	281282	19MH
130/70 B 18 M/C 63H	TL/TT	530941	18MG
130/80 B 17 M/C 65H	TL/TT	292316	17MH
MT90 B 16 M/C 72H	TL/TT	774369	16MI2
190/90 B 21 M/C 73H REINF	TL/TT	833296	16MI2

DIMENSION	TL/TT	CAI	TUBE
MT90 B 16 M/C 74H REINF	TL/TT	985206	16MI2
MU85 B 16 M/C 77H REINF	TL/TT	521409	16MI2
180/55 B 18 M/C 80H REINF	TL/TT	392099	18MI
180/65 B 16 M/C 81H REINF	TL/TT	420712	

\*In-house comparison of the MICHELIN COMMANDER II and MICHELIN COMMANDER III Touring ranges conducted on 23/05/2019 at the Fontange track (France) with front dimension 130/80 B17 65 H and rear dimension 180/65 B16 80 H on a Harley Davidson Electra Glide.

**NEW**

**SPORT&ROAD** CRUISER

# MICHELIN / COMMANDER III CRUISER

URBAN

ROAD

**WET GRIP, LONGEVITY AND HANDLING  
PERFORMANCE FOR YOUR CRUISER BIKE**



## THE BEST IN ITS CATEGORY ON WET SURFACES\*

Exceptional wet grip\*, due to a compound mix incorporating Silica Rain Technology (SRT) combined with a void ratio 3% higher than that of the MICHELIN COMMANDER II when fitted on the front.\*



## LONGEVITY CONTINUED FROM THE MICHELIN COMMANDER II TYRE

Longevity continued from the MICHELIN COMMANDER II tyre with a new profile improving the contact patch.



## NEW PROFILE MAKES FOR EXCELLENT HANDLING

Amplified Density Technology (ADT) combined with its new profile give the MICHELIN COMMANDER III Cruiser tyre enhanced handling when cornering, exceeding that of the MICHELIN COMMANDER II tyre.



\*According to Motorrad magazine 06/20. MICHELIN Commander III Cruiser came top in the test when up against the Metzeler Cruisetec, Bridgestone Battlecruise H50, Continental ContiTour, Mistas Custom Force, Pirelli Night Dragon GT and Dunlop D401, with front dimensions 130/90 B16 and rear dimensions 150/80 B16 and an Harley-Davidson FLHCS Heritage Classic 114. Test conducted at the Bridgestone test facility in Nettuno, near Rome.

**The MICHELIN Commander III Cruiser came first in its category on 3 specific criteria on a wet surface: greatest lean angle, shortest braking distance and best lap time!**



DIMENSION	TL/TT	CAI	TUBE
80/90 - 21 M/C 54H REINF	TL/TT	087823	21MD
90/90 - 21 M/C 54H	TL/TT	838241	21MD
100/90 B 19 M/C 57H	TL/TT	469040	19MF
110/90 B 19 M/C 62H	TL/TT	077968	19MF
130/90 B 16 M/C 73H REINF	TL/TT	205341	16MI2
140/75 R 17 M/C 67V	TL/TT	488163	



DIMENSION	TL/TT	CAI	TUBE
130/90 B 16 M/C 73H REINF	TL/TT	234596	16MI2
140/90 B 15 M/C 76H	TL/TT	330228	15MJ
140/90 B 16 M/C 77H REINF	TL/TT	698455	16MI2
150/80 B 16 M/C 77H REINF	TL/TT	797694	16MI2
150/90 B 15 M/C 74H	TL/TT	821706	15MJ
160/70 B 17 M/C 73V	TL/TT	497307	17MI
170/80 B 15 M/C 77H	TL/TT	307669	15MJ
180/70 B 15 M/C 76H	TL/TT	999381	15MJ
200/55 R 17 M/C 78V	TL	292667	







MICHELIN

COMMANDER II



URBAN

ROAD

**LONGEVITY AND HANDLING**  
PERFORMANCE FOR CRUISER AND  
TOURING BIKES

**LONGER LASTING**

The compound mix of the MICHELIN COMMANDER II tyre ensures it is very long-lasting.

**HANDLING AND RIDING ENJOYMENT**

The Amplified Density Technology (ADT) of the MICHELIN COMMANDER II tyre ensures good handling and riding enjoyment.



DIMENSION	TL/TT	CAI	TUBE
80/90 - 21 M/C 54H REINF	TL/TT	735219	21MD
90/90 - 21 M/C 54H	TL/TT	999082	21MD
110/90 B 18 M/C 61H	TL/TT	440376	18MF
100/90 B 19 M/C 57H	TL/TT	325101	19MF
120/70 ZR 19 M/C (60W)	TL/TT	540829	
120/90 B 17 M/C 64S	TL/TT	938253	17MH
130/80 B 17 M/C 65H	TL/TT	701621	17MH
130/90 B 16 M/C 73H REINF	TL/TT	645548	16MI2
140/80 B 17 M/C 69H	TL/TT	704451	17MI



DIMENSION	TL/TT	CAI	TUBE
130/90 B 16 M/C 73H REINF	TL/TT	155624	16MI2
140/90 B 16 M/C 77H REINF	TL/TT	362316	16MI2
150/70 B 18 M/C 76H REINF	TL/TT	323613	
150/80 B 16 M/C 77H REINF	TL/TT	849199	16MI2
160/70 B 17 M/C 73V	TL/TT	184801	17MI
170/80 B 15 M/C 77H	TL/TT	102708	15MJ
180/65 B 16 M/C 81H REINF	TL/TT	152619	
240/40 R 18 M/C 79V	TL	596934	





# ***MICHELIN SCORCHER THE ORIGINAL EQUIPMENT FOR HARLEY-DAVIDSON®***

Co-developed, homologated and branded by Harley-Davidson®

Each Michelin and Harley Davidson development has its own approach by working very early on, in virtual loops, during the design and development phases. Thanks to their respective modeling capabilities, the two entities were able to develop a new range of motorcycles and the ideal tires for it simultaneously, before carrying out a battery of tests to perfect the fit, evaluate other options and finalize convergence. This process of virtual co-design and simulation ensured that each motorcycle and its tyres were perfectly matched.

**NEW**

**SPORT&ROAD** CRUISER

# MICHELIN / SCORCHER<sup>ADVENTURE</sup>



ORIGINAL EQUIPMENT  
**HARLEY-DAVIDSON®**



**PANAMERICA**



DIMENSION	TL/TT	CAI	TUBE
120/70 R 19 60V	TL	956700	



DIMENSION	TL/TT	CAI
170/60 R 17 72V	TL	637915

**NEW**

# MICHELIN / SCORCHER<sup>CUSTOM</sup>



ORIGINAL EQUIPMENT  
**HARLEY-DAVIDSON®**



**THE HARLEY-DAVIDSON MOTORCYCLE  
FIT WITH MICHELIN SCORCHER  
CUSTOM TYRE WILL BE ANNOUNCED  
DURING SECOND QUARTER 2021!**



DIMENSION	TL/TT	CAI	TUBE
100/90 B 19 57V	TL/TT	956588	



DIMENSION	TL/TT	CAI	TUBE
160/70 B 16 71V	TL/TT	733899	



# MICHELIN / ScorchersPORT



**ORIGINAL EQUIPMENT  
HARLEY-DAVIDSON®**



**FIRST HARLEY DAVIDSON®  
ELECTRIC MOTORCYCLE**

The MICHELIN ScorchersPORT tyre has been specifically designed to improve handling and performance of the LimeWire® motorcycle.



DIMENSION	TL/TT	CAI	TUBE
120/70 ZR 17 M/C (58W)	F/TL	475979	



DIMENSION	TL/TT	CAI	TUBE
160/60 ZR 17 (69W)	TL	952994	
180/55 ZR 17 M/C (73W)	TL	617337	

# MICHELIN / ScorchersMD



**ORIGINAL EQUIPMENT  
HARLEY-DAVIDSON®**



**V-ROD®  
SPORTSTER®  
FAT BOY®  
AND THE OTHER STREET MODELS.**



DIMENSION	TL/TT	CAI	TUBE
100/80 - 17 M/C 52H F	TL	420386	
120/70 ZR 18 M/C (59W)	F/TL	718570	
120/70 ZR 18 M/C (59W) T	TL	716063	
120/70 ZR 19 M/C (60W)	TL/TT	054571	
130/60 B 21 M/C 63H	TL	471253	
140/75 R 17 M/C 67V	TL	567465	
160/60 R 18 M/C 70V	TL	397891	



DIMENSION	TL/TT	CAI	TUBE
140/75 R 15 M/C 65H	TL	232516	
150/60 ZR 17 M/C (66W)	T/TL	559849	
150/70 ZR 17 M/C (69W)	TL/TT	393291	
180/55 R 17 M/C 73W	TL	206030	
200/55 R 17 M/C 78V	TL/TT	627088	
240/40 R 18 M/C 79V	TL	897924	



# MICHELIN / Scorchers<sup>21</sup>

ORIGINAL EQUIPMENT  
HARLEY-DAVIDSON®



STREET ROD®



DIMENSION	TL/TT	CAI	TUBE
120/70 R 17 M/C 58V	TL	163575	

DIMENSION	TL/TT	CAI	TUBE
160/60 R 17 M/C 69V	TL	624733	



# MICHELIN / Scorchers<sup>31</sup>

LA GAMME RÉCEMMENT HOMOLOGUÉE  
POUR LES HARLEY-DAVIDSON®



- ELECTRA GLIDE
- ROAD GLIDE
- SPORTSTER®
- DYNA®
- STREET GLIDE
- SPORT GLIDE
- LOW RIDER S



DIMENSION	TL/TT	CAI	TUBE
80/90 - 21 M/C 54H REINF	TL/TT	705949	21MD
100/90 B 19 M/C 57H	TL/TT	986404	19MF
110/90 B 19 M/C 62H	TL	569118	
130/60 B 19 M/C 61H	TL/TT	605796	19MF
130/70 B 18 M/C 63H	TL/TT	559098	18MG
130/80 B 17 M/C 65H	TL/TT	682482	17MH
130/90 B 16 M/C 73H REINF	TL/TT	359328	16MI2

DIMENSION	TL/TT	CAI	TUBE
150/80 B 16 M/C 77H REINF	TL/TT	193056	16MI2
160/70 B 17 M/C 73V	TL/TT	825755	17MI
180/60 B 17 M/C 75V	TL/TT	460388	17MI
180/65 B 16 M/C 81H REINF	TL/TT	781067	
180/70 B 16 M/C 77H	TL	718252	



# MICHELIN / Scorchers<sup>32</sup>

ORIGINAL EQUIPMENT  
HARLEY-DAVIDSON®



FAT BOY®



DIMENSION	TL/TT	CAI	TUBE
130/90 B 16 M/C 73H REINF	TL/TT	052653	16MI2

DIMENSION	TL/TT	CAI	TUBE
180/70 B 16 M/C 77H	TL/TT	084161	



# SPORT & ROAD TRAIL

	ROAD TYPE	
	ROAD	OFF-ROAD
<b>TRAIL &gt; 600 CC</b>		
<b>MICHELIN</b> ROAD 5 TRAIL	100%	0%
<b>MICHELIN</b> ANAKEE III	90%	10%
<b>MICHELIN</b> ANAKEE ADVENTURE	80%	20%
<b>MICHELIN</b> ANAKEE WILD	50%	50%
<b>TRAIL &lt; 600 CC</b>		
<b>MICHELIN</b> SIRAC	80%	20%
<b>MICHELIN</b> ANAKEE STREET	80%	20%

MICHELIN usage recommendations, Indicative performance rating for MICHELIN tires.







# MICHELIN / ROAD<sup>5</sup> TRAIL



ROAD

OFF-ROAD

100%

0%

**THE MICHELIN ROAD TYRE OFFERING SAFETY AND ENJOYMENT RIDING YOUR TRAIL BIKE, ON BOTH DRY AND WET SURFACES**



## EXCELLENT ON WET ROADS

With MICHELIN Dual Compound Technology (2CT) and Dual Compound Technology + (2CT+) and its 3D progressive siped tread, the MICHELIN Road 5 Trail tyre provides excellent wet grip.



## MAXIMUM SAFETY

Even after 5000 km (3107 miles), the MICHELIN X-Sipe Technology Evo (XST EVO) 3D progressive sipes provide improved braking on wet roads\*.



## ENHANCED SAFETY

Your trail bike is fun to ride, with greater safety, comfort and stability in dry and wet surfaces as the casing has been specifically developed for trail bikes.



**2CT**  
TWO COMPOUND TECHNOLOGY

Hard compound  
44%

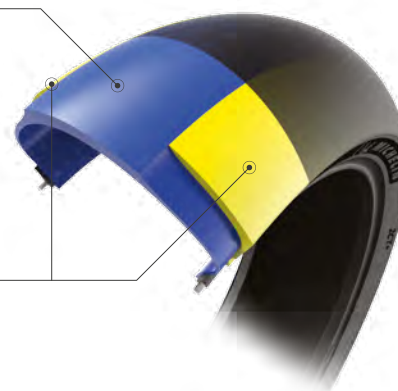
Soft compound  
2 x 28%



**2CT+**

Hard compound  
74%

Soft compound  
2 x 13%



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	80	R	19	59	V	092656
120	70	ZR	19	60	W	235302

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150	70	R	17	69	V	813877
170	60	ZR	17	72	W	630514

\* According to an independently-observed in-house test conducted at Michelin's Ladoux test track, in October 2017, comparing MICHELIN Road 5 tyres, used for 5636 km (3502 miles), with new MICHELIN Pilot Road 4 tyres on a Suzuki Bandit 1250.

# MICHELIN / ANAKEE III



**THE TRAIL TYRE DESIGNED FOR ON-ROAD USE THAT HANDLES WELL OFF-ROAD TOO**



### DRY AND WET GRIP

Its innovative tread incorporating 3D indentations provides good dry or wet grip.



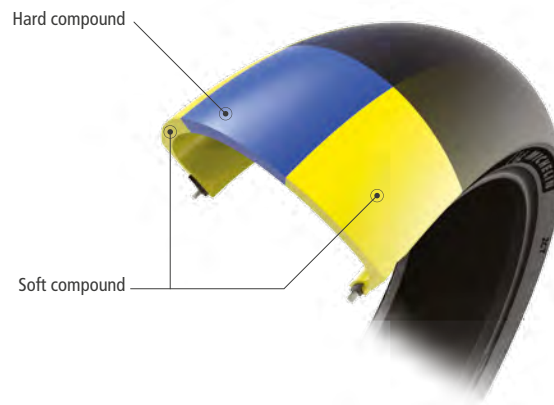
### LONGER-LASTING

Rubber compounds processed to make the MICHELIN Anakee 3 tyre longer-lasting.



APPROVED BY BMW MOTORRAD ON THE R 1200 GS, R 1200 GS ADVENTURE, F700 GS AND F 800 GS.

**2CT**  
TWO COMPOUND TECHNOLOGY



WIDTH	RATIO	DIAM.	LOAD INDEX	LOAD INDEX	TL/TT	CAI	IN. TUBE	
110	80	R 19	59	V	TL/TT	004703	19MF	BMW OE
90	90	- 21	54	V	TL/TT	118941	21MD	BMW OE
120	70	R 19	60	V	TL/TT	258411	19MF	



WIDTH	RATIO	DIAM.	LOAD INDEX	LOAD INDEX	TL/TT	CAI	IN. TUBE	
170	60	R 17	72	V	TL/TT	280499		
150	70	R 17	69	V	TL/TT	587206	17MI	BMW OE



ROAD

OFF-ROAD

80%

20%

## THE TRAIL TYRE DESIGNED FOR ON-ROAD AND OFF-ROAD USE



### ENHANCED GRIP

The 2CT and 2CT+ dual compound technologies combined with Silica Rain Technology (SRT), and a silica-based compound on the tread, provide good dry and wet grip.



### NEW PROFILE MAKES FOR EXCELLENT HANDLING AND STABILITY

The new profile of the MICHELIN Anakee Adventure tyre enhances handling when cornering, straight-line stability and riding enjoyment. Tyre approved by BMW for the R 1250 GS.



### FOR ON-ROAD AND OFF-ROAD USE

The tread void ratio, grooved tread pattern and M+S marking make it equally at home on-road and off-road.



APPROVED BY BMW MOTORRAD ON THE NEW BMW R1250 GS



**2CT**  
TWO COMPOUND TECHNOLOGY

Hard compound

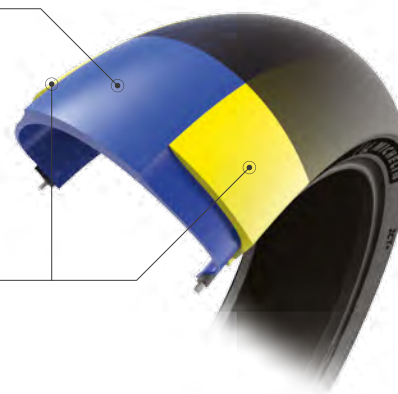
Soft compound



**2CT+**

Hard compound

Soft compound



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
90	90	-	21	54	V	TL/TT	294501 21MD
100	90	-	19	57	V	TL/TT	034151 19MF
110	80	R	19	59	V	TL/TT	580026 19MF
110	80	R	18	58	V	TL/TT	920596 18MF-G
120	70	R	17	58	V	TL/TT	585294 18MF
120	70	R	19	60	V	TL/TT	993727 19MF

BMW OE

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
130	80	R	17	65	H	TL/TT	688509 17MH
140	80	R	17	69	H	TL/TT	156429 17MH
150	70	R	17	69	V	TL/TT	429465 17MI
170	60	R	17	72	V	TL/TT	139513 17MI
150	70	R	18	70	V	TL/TT	966727 18MG
180	55	R	17	73	V	TL/TT	845259 16MI

BMW OE

BMW OE

## MICHELIN / ANAKEE WILD



ROAD

OFF-ROAD

50%

50%

THE MOST **ADVENTUROUS** OF OUR TRAIL TYRES

**VERY PRECISE STEERING**

Radial technology, used for the first time on a studded tyre, makes for on-road stability and rider comfort.

**LONG-LASTING**

Its optimised tread depth and new compound mix ensure this tyre is long-lasting.

**RESISTANCE TO DAMAGE**

Its reinforced radial technology casing makes this tyre extremely resistant to damage



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
110	80	R 19	59	R	TL/TT	884521	19MF
120	70	R 19	60	R	TL/TT	132247	19MF
80	90	- 21	48	S	TT	270232	-
90	90	- 21	54	R	TL/TT	585707	-



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
130	80	- 17	65	R	TL/TT	036642	-
140	80	- 17	69	R	TL/TT	722565	19MF
150	70	R 17	69	R	TL/TT	932033	17MI
170	60	R 17	72	R	TL/TT	999843	-
120	80	R 18	62	S	TT	538764	-
110	80	- 18	58	S	TT	541241	-
130	80	- 18	66	S	TT	821657	18MG
140	80	- 18	70	R	TL/TT	716077	19MF
150	70	- 18	70	R	TL/TT	348562	-

## MICHELIN / SIRAC



TRAIL &lt; 600CC

ROAD

OFF-ROAD

80%

20%

THE TRAIL TYRE MADE FOR ROAD AND PATH FOR **<600CC MOTORBIKES**

**PERFORMANCE ON THE ROAD AND ON THE PATH**

Synthetic resins and compounds for longevity and grip on wet or dry roads both on path or on road!



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
80	90	21	48	R	TT	104754	21MD
90	90	21	54	T	TT	104753	21MD
90	90	21	52	P	TT	854348	19ME



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
110	90	17	60	P	TT	717852	17MG
120	90	17	64	T	TT	104271	17MH
130	80	17	65	T	TT/TL	257527	17MH
110	80	18	58	R	TT	104975	18MF
120	80	18	62	T	TT	104763	18MF





TRAIL < 600CC

ROAD

OFF-ROAD

80%

20%

**THE ADVENTURE TYRE DESIGNED FOR BOTH ROADS AND TRAILS FOR BIKES UNDER 600CC**



## SAFETY ON THE ROAD

Excellent stability and handling thanks to the imposing tread blocks. The blocks feature indentations, helping to make them more robust off road.



## CONTROL ON TRAILS

Optimised tread pattern for grip and even wear whatever the terrain. Directional V-shaped tread layout gives optimum road-holding, on or off tarmac.



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
90	90	-	21	54	S	TL	490112



WIDTH	DIAM.	LOAD INDEX	SPEED INDEX		TL/TT	CAI
2.25	17	38	P	REINFORCED	TT	132307
2.50	17	43	P	REINFORCED	TT	202324
2.75	17	47	P	REINFORCED	TT	479452

## ROAD INNER TUBES



REF 2171

MOTO - TR4



SHORT CODE	VALVE	CAI	SIZE - COMPATIBILITY											
	2171	TR4												
15 MI	✓		605348	130/90-15										
15 MJ	✓		012116	180/70-15 140/90-15 150/90-15 170/80-15										
16 MD		✓	190223	2.50-16 2.75-16 80/80-16 90/80-16										
16 MF		✓	668275	3.25-16 3.50-16 100/80-16 100/90-16 90/90-16										
16 MG		✓	178176	110/90-16 120/80-16										
16 MI2		✓	959484	MT90-16 MU90-16 MU85-16 120/90-16 130/90-16 140/90-16 150/80-16 160/80-16										
16 MI	✓		099604	MT90-16 MU90-16 MU85-16 120/90-16 130/90-16 140/90-16 150/80-16 160/80-16										
16 MI TALC		✓	236127	180/55-17	MT90-16	MU90-1	MU85-16	120/90-16	130/90-16	140/90-16	150/80-16	160/80-16		
16 MI2 TALC		✓	730243	180/55-17	MT90-16	MU90-1	MU85-16	120/90-16	130/90-16	140/90-16	150/80-16	160/80-16		
17 MC		✓	524451	2.25-17 2.50-17										
17 MD		✓	143858	2.75-17										
17 ME		✓	788345	3.00-17 100/80-17 90/80-17										
17 MG SUPERMOTO		✓	306786	120/60-17	110/70-17	120/70-17	110/80-17	110/90-17	4.00-17	4.60-17	120/80-17			
		✓	166806	130/70-140/70-130/80-120/90X17										
		✓	335733	140/80-150/60-160/60X17										
17 MI		✓	899702	150/70-160/70-140/80-130/90X17										
17 MI HD TALC		✓	099768	150/70-17	160/70-17	140/80-17	130/90-17	170/60-17	180/60-17					
18 MC		✓	528151	2.50-18										
18 ME		✓	718703	2.75-18 3.00-18 80/100-18 90/90-18										
18 MF		✓	929348	110/80-18 120/80-18 100/90-18 110/90-18 3.25-18 3.50-18										
18 MG		✓	410943	130/70-18	110/80-18	120/80-18	130/80-18	100/90-18	110/90-18	120/90-18	3.25-18	3.50-18	4.00-18	4.10-18
18 MI		✓	920615	4.60-18 150/70-18										
19 ME		✓	390115	185/55X18										
19 MF		✓	032532	2.50-19 3.00-19 90/90-19										
19 MF TALC		✓	554214	3.25-19 110/80-19 100/90-19 110/90-19 120/60-19 120/70-19 90/100-19										
21 MD		✓	206108	3.25-19	MJ90-19	MM90-19	110/80-19	100/90-19	110/90-19	120/60-19	120/70-19	90/100-19		
21 MD TALC		✓	888125	2.50-21	2.75-21	3.00-21	MH90-21	80/90-21	90/90-21	80/100-21	90/100-21			
21 MF		✓	784762	2.50-21	2.75-21	3.00-2	MH90-21	80/90-2	90/90-21	80/100-21	90/100-21			

## DIMENSIONS

**HYPERSPORT****MICHELIN POWER CUP 2**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	451092

**MICHELIN POWER GP**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	171285

**MICHELIN POWER 5**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	064441

**MICHELIN PILOT POWER 3**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	421457 <b>BMW OE</b>

**MICHELIN PILOT POWER 2CT**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	70	ZR 17	54	(W)	TL	031404
120	60	ZR 17	55	(W)	TL	925136
120	65	ZR 17	56	(W)	TL	854437
120	70	ZR 17	58	(W)	TL	461948

**MICHELIN PILOT POWER**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	815148



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR 17	73	(W)	TL	528570
190	55	ZR 17	75	(W)	TL	159578
200	55	ZR 17	78	(W)	TL	149276

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
180	55	ZR 17	73	(W)	TL	863487
190	50	ZR 17	73	(W)	TL	199086
190	55	ZR 17	75	(W)	TL	036004
200	55	ZR 17	78	(W)	TL	000662

WIDTH	RATIO	DIAM.	INDICE DE CHARGE	SPEED INDEX	TL/TT	CAI
160	60	ZR 17	69	(W)	TL	934330
180	55	ZR 17	73	(W)	TL	850757
190	50	ZR 17	73	(W)	TL	307640
190	55	ZR 17	75	(W)	TL	518184
200	55	ZR 17	78	(W)	TL	636793

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR 17	69	(W)	TL	011906
180	55	ZR 17	73	(W)	TL	951109 <b>BMW OE</b>
190	50	ZR 17	73	(W)	TL	015450
190	55	ZR 17	75	(W)	TL	796739
240	45	ZR 17	82	(W)	TL	926270

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150	60	ZR 17	66	(W)	TL	353471
160	60	ZR 17	69	(W)	TL	405333
170	60	ZR 17	72	(W)	TL	076572
180	55	ZR 17	73	(W)	TL	565081
190	50	ZR 17	73	(W)	TL	091745
190	55	ZR 17	75	(W)	TL	549705

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR 17	69	(W)	TL	904480
180	55	ZR 17	73	(W)	TL	990721
190	50	ZR 17	73	(W)	TL	632398
190	55	ZR 17	75	(W)	TL	039922

**SPORT TOURING...****MICHELIN ROAD 5**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	70	ZR 17	54	(W)	TL	062312
120	60	ZR 17	55	(W)	TL	094996
120	70	ZR 17	58	(W)	TL	162459 <b>HONDA &amp; BMW OE</b>

**MICHELIN ROAD 5 GT**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR 17	58	(W)	TL	149254 <b>BMW OE</b>
120	70	ZR 18	59	(W)	TL	954034



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
140	70	ZR 17	66	(W)	TL	832351
150	60	ZR 17	66	(W)	TL	571086
150	70	ZR 17	69	(W)	TL	236462
160	60	ZR 17	69	(W)	TL	088877 <b>HONDA OE</b>
180	55	ZR 17	73	(W)	TL	420895 <b>BMW OE</b>
190	50	ZR 17	73	(W)	TL	811140
190	55	ZR 17	75	(W)	TL	441445

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
170	60	ZR 17	72	(W)	TL	372036
180	55	ZR 17	73	(W)	TL	931641 <b>BMW OE</b>
190	50	ZR 17	73	(W)	TL	247672
190	55	ZR 17	75	(W)	TL	087615





### ... SPORT TOURING

#### MICHELIN PILOT ROAD 4

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	60	ZR	17	55	(W)	TL 451037
120	70	ZR	17	58	(W)	TL 103565

HONDA & BMW OE

#### MICHELIN PILOT ROAD 4 GT

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL 429567
120	70	ZR	18	59	(W)	TL 340248

BMW OE  
BMW OE

#### MICHELIN PILOT ROAD 3

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
110	80	ZR	18	58	(W)	TL 196815
110	70	ZR	17	54	(W)	TL 058630
120	70	ZR	17	58	(W)	TL 948428

#### MICHELIN PILOT ROAD 2

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	ZR	17	58	(W)	TL 405043

#### MICHELIN PILOT STREET RADIAL

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	R	17	54	H	TL/TT 401784
120	70	ZR	17	58	W	TL 152108
120	70	R	17	58	H	TL/TT 298796



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150	70	ZR	17	69	(W)	TL 282338
160	60	ZR	17	69	(V)	TL 099715
180	55	ZR	17	73	(V)	TL 694117
190	50	ZR	17	73	(V)	TL 866175
190	55	ZR	17	73	(V)	TL 029239

HONDA OE  
BMW OE

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
170	60	ZR	17	72	(V)	TL GT 534051
180	55	ZR	17	73	(V)	TL GT 024138
190	50	ZR	17	73	(V)	TL GT 319435
190	55	ZR	17	75	(V)	TL GT 271932

BMW OE

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	ZR	18	70	(W)	TL 463725

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
150	70	ZR	17	69	(W)	TL 174174
160	60	ZR	17	69	(V)	TL 003500
180	55	ZR	17	73	(V)	TL 816300
190	50	ZR	17	73	(V)	TL 871087

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
130	70	R	17	62	H	TL/TT 269189
140	70	R	17	66	H	TL/TT 566085
150	60	R	17	66	H	TL/TT 720861
150	60	R	17	66	H	TL/TT 084941
160	60	R	17	69	H	TL/TT 342211
160	60	ZR	17	69	(V)	TL 932566
180	55	ZR	17	73	(V)	TL 813153



### RETRO CLASSIC

#### MICHELIN ROAD CLASSIC

WIDTH	RATIO	DIAM.	LOAD INDEX	INDICE DE VITESSE	TL/TT	CAI
90	90	B	18	51	H	TL 532828
100	80	B	17	52	H	TL 133164
100	90	-	18	56	H	TL 301424
100	90	B	19	57	V	TL 740499
110	70	B	17	54	H	TL 259439
110	80	B	17	57	V	TL 447169
110	80	B	18	58	V	TL 603265
110	90	B	18	61	V	TL 658195
3.25		B	19	54	H	TL 960520



WIDTH	RATIO	DIAM.	LOAD INDEX	INDICE DE VITESSE	TL/TT	CAI
120	90	B	18	65	V	TL 149239
130	70	B	17	62	H	TL 396007
130	70	B	18	63	H	TL 455301
130	80	B	17	65	H	TL 638404
130	80	B	18	66	V	TL 592450
130	90	B	17	68	V	TL 088531
140	80	B	17	69	V	TL 660026
150	70	B	17	69	V	TL 003853
4.00		B	18	64	H	TL 460644
150	70	R	17	69	H	TL 682937

**CRUISER****MICHELIN COMMANDER III TOURING**

DIMENSION	TL/TT	CAI	TUBE
MH90 - 21 M/C 54H	TL/TT	568477	21MD
120/70 R 19 M/C 60V	TL/TT	855243	19MF
120/70 B 21 M/C 68H REINF	TL/TT	382734	
130/60 B 19 M/C 61H	TL/TT	281282	19MH
130/70 B 18 M/C 63H	TL/TT	530941	18MG
130/80 B 17 M/C 65H	TL/TT	292316	17MH
MT90 B 16 M/C 72H	TL/TT	774369	16MI2
190/90 B 21 M/C 73H REINF	TL/TT	833296	16MI2

**MICHELIN COMMANDER III CRUISER**

DIMENSION	TL/TT	CAI	TUBE
80/90 - 21 M/C 54H REINF	TL/TT	087823	21MD
90/90 - 21 M/C 54H	TL/TT	838241	21MD
100/90 B 19 M/C 57H	TL/TT	469040	19MF
110/90 B 19 M/C 62H	TL/TT	077968	19MF
130/90 B 16 M/C 73H REINF	TL/TT	205341	16MI2
140/75 R 17 M/C 67V	TL/TT	488163	

**MICHELIN COMMANDER II**

DIMENSION	TL/TT	CAI	TUBE
80/90 - 21 M/C 54H REINF	TL/TT	735219	21MD
90/90 - 21 M/C 54H	TL/TT	999082	21MD
110/90 B 18 M/C 61H	TL/TT	440376	18MF
100/90 B 19 M/C 57H	TL/TT	325101	19MF
120/70 ZR 19 M/C (60W)	TL/TT	540829	
120/90 B 17 M/C 64S	TL/TT	938253	17MH
130/80 B 17 M/C 65H	TL/TT	701621	17MH
130/90 B 16 M/C 73H REINF	TL/TT	645548	16MI2
140/80 B 17 M/C 69H	TL/TT	704451	17MI

**MICHELIN SCORCHER ADVENTURE**

DIMENSION	TL/TT	CAI	TUBE
120/70 R 19 60V	TL	956700	

**MICHELIN SCORCHER CUSTOM**

DIMENSION	TL/TT	CAI	TUBE
100/90 B 19 57V	TL/TT	956588	

**MICHELIN SCORCHER SPORT**

DIMENSION	TL/TT	CAI	TUBE
120/70 ZR 17 M/C (58W)	F/TL	475979	

**MICHELIN SCORCHER 11**

DIMENSION	TL/TT	CAI	TUBE
100/80 - 17 M/C 52H F	TL	420386	
120/70 ZR 18 M/C (59W)	F/TL	718570	
120/70 ZR 18 M/C (59W) T	TL	716063	
120/70 ZR 19 M/C (60W)	TL/TT	054571	
130/60 B 21 M/C 63H	TL	471253	
140/75 R 17 M/C 67V	TL	567465	
160/60 R 18 M/C 70V	TL	397891	

**MICHELIN SCORCHER 21**

DIMENSION	TL/TT	CAI	TUBE
120/70 R 17 M/C 58V	TL	163575	

**MICHELIN SCORCHER 31**

DIMENSION	TL/TT	CAI	TUBE
80/90 - 21 M/C 54H REINF	TL/TT	705949	21MD
100/90 B 19 M/C 57H	TL/TT	986404	19MF
110/90 B 19 M/C 62H	TL	569118	
130/60 B 19 M/C 61H	TL/TT	605796	19MF
130/70 B 18 M/C 63H	TL/TT	559098	18MG
130/80 B 17 M/C 65H	TL/TT	682482	17MH
130/90 B 16 M/C 73H REINF	TL/TT	359328	16MI2

**MICHELIN SCORCHER 32**

DIMENSION	TL/TT	CAI	TUBE
130/90 B 16 M/C 73H REINF	TL/TT	052653	16MI2



DIMENSION	TL/TT	CAI	TUBE
MT90 B 16 M/C 74H REINF	TL/TT	985206	16MI2
MU85 B 16 M/C 77H REINF	TL/TT	521409	16MI2
180/55 B 18 M/C 80H REINF	TL/TT	392099	18MI
180/65 B 16 M/C 81H REINF	TL/TT	420712	

DIMENSION	TL/TT	CAI	TUBE
130/90 B 16 M/C 73H REINF	TL/TT	234596	16MI2
140/90 B 15 M/C 76H	TL/TT	330228	15MJ
140/90 B 16 M/C 77H REINF	TL/TT	698455	16MI2
150/80 B 16 M/C 77H REINF	TL/TT	797694	16MI2
150/90 B 15 M/C 74H	TL/TT	821706	15MJ
160/70 B 17 M/C 73V	TL/TT	497307	17MI
170/80 B 15 M/C 77H	TL/TT	307669	15MJ
180/70 B 15 M/C 76H	TL/TT	999381	15MJ
200/55 R 17 M/C 78V	TL	292667	

DIMENSION	TL/TT	CAI	TUBE
130/90 B 16 M/C 73H REINF	TL/TT	155624	16MI2
140/90 B 16 M/C 77H REINF	TL/TT	362316	16MI2
150/70 B 18 M/C 76H REINF	TL/TT	323613	
150/80 B 16 M/C 77H REINF	TL/TT	849199	16MI2
160/70 B 17 M/C 73V	TL/TT	184801	17MI
170/80 B 15 M/C 77H	TL/TT	102708	15MJ
180/65 B 16 M/C 81H REINF	TL/TT	152619	
240/40 R 18 M/C 79V	TL	596934	

DIMENSION	TL/TT	CAI	TUBE
170/60 R 17 72V	TL	637915	

DIMENSION	TL/TT	CAI	TUBE
160/70 B 16 71V	TL/TT	733899	

DIMENSION	TL/TT	CAI	TUBE
160/60 ZR 17 (69W)	TL	952994	
180/55 ZR 17 M/C (73W)	TL	617337	

DIMENSION	TL/TT	CAI	TUBE
140/75 R 15 M/C 65H	TL	232516	
150/60 ZR 17 M/C (66W)	T/TL	559849	
150/70 ZR 17 M/C (69W)	TL/TT	393291	
180/55 R 17 M/C 73W	TL	206030	
200/55 R 17 M/C 78V	TL/TT	627088	
240/40 R 18 M/C 79V	TL	897924	

DIMENSION	TL/TT	CAI	TUBE
160/60 R 17 M/C 69V	TL	624733	

DIMENSION	TL/TT	CAI	TUBE
150/80 B 16 M/C 77H REINF	TL/TT	193056	16MI2
160/70 B 17 M/C 73V	TL/TT	825755	17MI
180/60 B 17 M/C 75V	TL/TT	460388	17MI
180/65 B 16 M/C 81H REINF	TL/TT	781067	
180/70 B 16 M/C 77H	TL	718252	

DIMENSION	TL/TT	CAI	TUBE
180/70 B 16 M/C 77H	TL/TT	084161	





## TRAIL

### MICHELIN ROAD 5 TRAIL

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
110	80	R	19	59	V	TL	092656
120	70	ZR	19	60	W	TL	235302

### MICHELIN ANAKEE III

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
110	80	R	19	59	V	TL/TT	004703	19MF <b>BMW OE</b>
90	90	-	21	54	V	TL/TT	118941	21MD <b>BMW OE</b>
120	70	R	19	60	V	TL/TT	258411	19MF

### MICHELIN ANAKEE ADVENTURE

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
90	90	-	21	54	V	TL/TT	294501	21MD
100	90	-	19	57	V	TL/TT	034151	19MF
110	80	R	19	59	V	TL/TT	580026	19MF
110	80	R	18	58	V	TL/TT	920596	18MF-G
120	70	R	17	58	V	TL/TT	585294	
120	70	R	19	60	V	TL/TT	993727	19MF <b>BMW OE</b>

### MICHELIN ANAKEE WILD

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
110	80	R	19	59	R	TL/TT	884521	19MF
120	70	R	19	60	R	TL/TT	132247	19MF
80	90	-	21	48	S	TT	270232	-
90	90	-	21	54	R	TL/TT	585707	-

### MICHELIN SIRAK

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
80	90	21	48	R	TT	104754	21MD	
90	90	21	54	T	TT	104753	21MD	
90	90	21	52	P	TT	854348	19ME	

### MICHELIN ANAKEE STREET

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
90	90	-	21	54	S	TL	490112



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
150	70	R	17	69	V	TL	813877
170	60	ZR	17	72	W	TL	630514

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
170	60	R	17	72	V	TL/TT	280499	
150	70	R	17	69	V	TL/TT	587206	17MI <b>BMW OE</b>

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
130	80	R	17	65	H	TL/TT	688509	17MH
140	80	R	17	69	H	TL/TT	156429	17MH
150	70	R	17	69	V	TL/TT	429465	17MI
170	60	R	17	72	V	TL/TT	139513	17MI <b>BMW OE</b>
150	70	R	18	70	V	TL/TT	966727	18MG <b>BMW OE</b>
180	55	R	17	73	V	TL/TT	845259	16MI <b>BMW OE</b>

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
130	80	-	17	65	R	TL/TT	036642	-
140	80	-	17	69	R	TL/TT	722565	19MF
150	70	R	17	69	R	TL/TT	932033	17MI
170	60	R	17	72	R	TL/TT	999843	-
120	80	R	18	62	S	TT	538764	-
110	80	-	18	58	S	TT	541241	-
130	80	-	18	66	S	TT	821657	18MG
140	80	-	18	70	R	TL/TT	716077	19MF
150	70	-	18	70	R	TL/TT	348562	-

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE	
110	90	17	60	P	TT	717852	17MG	
120	90	17	64	T	TT	104271	17MH	
130	80	17	65	T	TT/TL	257527	17MH	
110	80	18	58	R	TT	104975	18MF	
120	80	18	62	T	TT	104763	18MF	

WIDTH	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
2.25	17	38	P	REINFORCED	TT	132307
2.50	17	43	P	REINFORCED	TT	202324
2.75	17	47	P	REINFORCED	TT	479452







# OFF-ROAD

	USAGE		ROAD LEGAL	TERRAIN					
	LEISURE	EXPERT		SAND	MUD	GRASS	CLAY	ROCKS	COMPACT
MOTOCROSS									
MICHELIN STARCROSS 5 SAND	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN STARCROSS 5 SOFT	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN STARCROSS 5 MEDIUM	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN STARCROSS 5 HARD	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN <div>NEW</div> STARCROSS 5 MINI	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
LEASURE & TRAINING									
MICHELIN TRACKER	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
ENDURO									
MICHELIN ENDURO XTREM	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN ENDURO MEDIUM	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN ENDURO HARD	<div><div></div><div></div></div>	<div><div></div><div></div></div>		<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
RALLY									
MICHELIN DESERT RACE	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN DESERT RACE BAJA	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
TRIAL									
MICHELIN TRIAL COMPETITION X11	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN TRIAL COMPETITION	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN TRIAL LIGHT	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>
MICHELIN TRIAL XLIGHT COMPETITION	<div><div></div><div></div></div>	<div><div></div><div></div></div>	✓	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>	<div><div></div><div></div></div>

MICHELIN usage recommendations





# COMPETITION ENGAGEMENT



## **MOTOCROSS:**



**7 WORLD TITLES**



**1 WORLD TITLE IN THE  
FEMALE CHAMPIONSHIP**  
(2016, Livia Lancelot)



## **ENDURO:**



**MORE THAN 40 WORLD  
CHAMPION TITLE**  
since 1987

## **DAKAR:**



**36 VICTORIES SINCE 1979**  
with 18 consecutive victories with KTM  
between 2001 and 2019





**WESS WORLD ENDURO SUPER SERIES:**



Michelin **WINNER OF THE FIRST TWO EDITIONS:**  
 2018 Billy Blot (Rockstar Energy Husqvarna Factory Racing)  
 2019 Manuel Lettenbichler (KTM) with **MICHELIN Enduro Xtrem**



**TRIAL & XTRIAL:**



**38 OUTDOOR TRIAL WORLD CHAMPIONSHIP TITLES**  
 between 1981 and 2019



**20 INDOOR TRIAL WORLD CHAMPIONSHIP** between 2020 and 2020



# OFF-ROAD MOTOCROSS

GO FOR OPTIMUM PERFORMANCE WHATEVER THE TERRAIN



## **LIGHT AND RESPONSIVE**

A specially-developed casing which is lighter, more focused and improves handling during races



## **PRECISE STEERING**

Outstanding traction when riding in a straight line and optimised grip to achieve a greater lean angle when cornering allow clean, precise steering.



LIGHTNESS

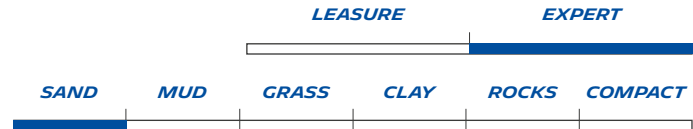


HANDLING





# MICHELIN / StarCross 5<sup>III</sup> SAND



## FOR COMPETITION ON SANDY TERRAIN



### A DEDICATED TREAD PATTERN

The tread blocks are designed like scoops and they instantly clear of sand, even when wet. The side fins reinforce the tyre's structure and robustness while ensuring the bike's stability.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
15 PSI MINI

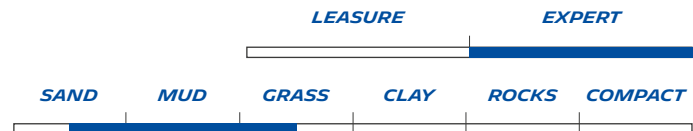
WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT CAI	MOUSSES DIM. CAI	CAI TUBES UHD	TUBES UHD	TUBES HD	CAI
80	100	21	51	M	TT	930497	M15 057333	827203	21 UHD	21MDR 833092
							M16 338000			



**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT CAI	MOUSSES DIM. CAI	CAI TUBES UHD	TUBES UHD	TUBES HD	CAI
100	90	19	57	M	TT	297381	M22 057334	842770	19 UHD	19MER 754720
110	90	19	62	M	TT	949050	M199 057335	842770	19 UHD	19MFR 623140

# MICHELIN / StarCross 5<sup>II</sup> SOFT



## FOR COMPETITION ON MIXED/SOFT TERRAIN



### A DEDICATED TREAD PATTERN

Compacted surface is broken up thanks to the tread blocks which can increase traction in muddy ground to improve grip for maximum stability. Wide spaces between the robust tread blocks maximise penetration and grip.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT CAI	MOUSSES DIM. CAI	UHD TUBE	CAI UHD	TUBES HD	CAI
80	100	21	51	M	TT	785304	M15 057333	21 UHD	827203	21MDR 833092
							M16 338000			
90	100	21	57	M	TT	725836	M16 338000	21 UHD	827203	21MDR 833092
70	100	17	40	M	TT	087554				
70	100	19	42	M	TT	920289				

JUNIOR



**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT CAI	MOUSSES DIM. CAI	UHD TUBE	CAI UHD	TUBES HD	CAI
100	100	18	59	M	TT	143683	M18 763062	18UHD Med.	034757	18MFR 830920
110	100	18	64	M	TT	227750	M18 763062	18UHD Med.	034757	18MFR 830920
120	90	18	65	M	TT	461928	M14 057337	18UHD Med.	600967	18MGR 795250
100	90	19	57	M	TT	162418	M22 057334	19UHD	842770	19MER 754720
110	90	19	62	M	TT	047359	M199 057335	19UHD	842770	19MFR 623140
120	80	19	63	M	TT	275510	M199 057335	19UHD	842770	19MER 754720
90	100	14	49	M	TT	120309				
90	100	16	51	M	TT	546228				

JUNIOR



# MICHELIN / StarCross 5 MEDIUM



**FOR COMPETITION ON MIXED/HARD TERRAIN**



## A DEDICATED TREAD PATTERN

The tread block design assists traction, optimise braking and increase tyre longevity, they are grooved to assist penetration into the ground and increase stability on mixed/hard terrain.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX		TL/TT	CAI	MOUSSES		UHD	TUBES		
			LOAD	SPEED			DIM.	CAI		CAI	UHD	CAI
80	100	21	51	M	TT	106704	M15	057333	21 UHD	827203	21MDR	833092
							M16	338000				
90	100	21	57	M	TT	201735	M16	338000	21 UHD	827203	21MDR	833092
70	100	17	40	M	TT	021161						
70	100	19	42	M	TT	064426						

JUNIOR

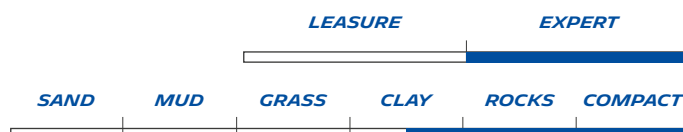


**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX		TL/TT	CAI	MOUSSES		UHD	TUBES		
			L.	S.			DIM.	CAI		CAI	UHD	CAI
100	100	18	59	M	TT	087232	M18	763062	18UHD Med.	034757	18MFR	830920
110	100	18	64	M	TT	111795	M18	763062	18UHD Med.	034757	18MFR	830920
120	90	18	65	M	TT	771311	M14	057337	18UHD Med.	600967	18MGR	795250
100	90	19	57	M	TT	964279	M22	057334	19UHD	842770	19MER	754720
110	90	19	62	M	TT	916748	M199	057335	19UHD	842770	19MFR	623140
120	80	19	63	M	TT	414640	M199	057335	19UHD	842770	19MER	754720
90	100	14	49	M	TT	649440						
90	100	16	51	M	TT	732509						

JUNIOR

# MICHELIN / StarCross 5 HARD



**FOR USE IN SUPERCROSS**



## A DEDICATED TREAD PATTERN

Lateral grip has been strengthened to ensure excellent grip on very hard and rocky ground. The tread block density reinforces the tyre's grip and strength in extreme conditions while maximising riding pleasure.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX		TL/TT	CAI	MOUSSES		UHD	TUBES		
			LOAD	SPEED			DIM.	CAI		CAI	UHD	CAI
90	100	21	57	M	TT	290055	M16	338000	21 UHD	827203	21MDR	833092



**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH	RATIO	DIAM.	INDEX		TL/TT	CAI	MOUSSES		UHD	TUBES		
			L.	S.			DIM.	CAI		CAI	UHD	CAI
110	90	19	62	M	TT	643728	M199	057335	19UHD	842770	19MFR	623140

**NEW**

**OFF-ROAD** MOTOCROSS

**MICHELIN**

**StarCross 5 MINI**



LEASURE			EXPERT		
SAND	MUD	GRASS	CLAY	ROCKS	COMPACT

**BIG PERFORMANCE  
FOR SMALL BIKES!**



**BETTER GRIP**

The best-performing tyre from the Starcross 5 range optimised for young riders, with a comprehensively simple range covering all junior tyre sizes.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
**15 PSI MINI**

WIDTH	RATIO	DIAM.	LOAD	INDEX SPEED	TL/TT	CAI
2.50	-	12	36	J	TT	786519
60	100	14	29	M	TT	920290



**1.2 BAR - 17.5 PSI**  
**15 PSI MINI**

WIDTH	RATIO	DIAM.	LOAD	INDEX SPEED	TL/TT	CAI
2.75	-	10	37	J	TT	086733
80	100	12	41	M	TT	639620



WIDTH	RATIO	DIAM.	LOAD	INDEX SPEED	TL/TT	CAI
2.50	-	10	33	J	TT	868951





# MICHELIN / TRACKER



ROAD LEGAL

LEASURE

EXPERT

SAND

MUD

GRASS

CLAY

ROCKS

COMPACT

**MOTOCROSS OR ENDURO, YOU NO LONGER HAVE TO CHOOSE!**



## A FABULOUS COCKTAIL!

Developed using Michelin's expertise in Enduro and MotoCross, this tyre is pure pleasure! Suitable for Enduro, MotoCross and Trails ... spend your time riding, not changing your tyres to suit the terrain!



## BETTER GRIP

A wear-resistant multidirectional tread to maintain stable performance as the tyres wear. Dynamic tread blocks have been developed to increase traction and braking performance.



## REVERSIBLE!

This tyre is multi-directional, which makes it possible to change its direction on the wheel.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.  
NOTE : RECOMMENDATIONS ARE FOR OFF ROAD USE, ALTERNATIVE TYRE CHOICE/  
HIGHER TYRE PRESSURES ARE ADVISED FOR PROLONGED ROAD USE

**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH RATIO DIAM.			INDEX		TL/TT	CAI	MOUSSES			UHD		TUBES		
			LOAD	SPEED			DIM.	CAI	TUBE	CAI	UHD	HD	CAI	
80	100	21	51	R	TT	691556	M15	057333	21	UHD	827203	21MDR	833092	
90	90	21	54	R	TT	920489	M15	057333	21	UHD	827203	21MDR	833092	



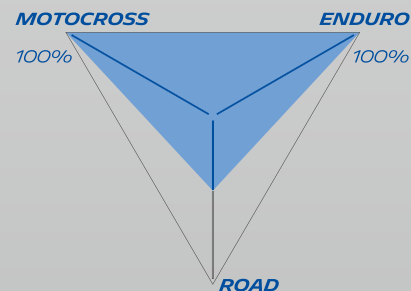
**1.2 BAR - 17.5 PSI**  
15 PSI MINI

WIDTH RATIO DIAM.			INDEX		TL	CAI	MOUSSES		TUBES			
			L.	S.	/TT		DIM.	CAI	UHD	CAI UHD	HD	CAI
100	100	18	59	R	TT	535355			18UHD Med.	034757	18MFR	830920
110	100	18	64	R	TT	173362			18UHD Med.	034757	18MGR	795250
120	90	18	65	R	TT	885099	M18	057338	18UHD Larg.	600967	18MGR	795250
140	80	18	70	R	TT	087115	M18	057338	18UHD Larg.	600967	18MGR	795250
100	90	19	57	R	TT	777632	M22	057334	19UHD	842770	19MER	754720
110	90	19	62	R	TT	505893	M199	057335	19UHD	842770	19MFR	623140
120	80	19	63	R	TT	986133			19UHD	842770	19MFR	754720

GET THE MOST  
OF YOUR FREE TIME!

# MICHELIN TRACKER

**THE TRUE VERSATILE TYRE** FOR ENDURO, MOTOCROSS AND TRAILS



**FULLY REVERSIBLE**, HAVE  
FUN WITHOUT CHANGING  
TYRE FOR EACH USAGE

**ROUNDED EDGES AND STRONGER  
TREAD BLOCKS BASE** TO PREVENT  
TEARING AND MINIMIZE WEAR AND TEAR

DYNAMIC EDGES ON THE  
TOPS OF THE TREAD BLOCKS :  
**OPTIMIZED TRACTION AND  
GRIP**

REINFORCED TREAD PATTERN WITH  
PROTECTIVE RELIEFS **TO IMPROVE  
ROBUSTNESS**

36 TREAD BLOCKS  
TREAD PATTERN : THE  
**BEST COMPROMISE**  
BETWEEN  
DRIVEABILITY / WEAR /  
VERSATILITY





# OFF-ROAD ENDURO

*GET TO THE TOP, WHATEVER THE CONDITIONS!*



## **GRIP YOU CAN RELY ON**

Better grip and shock absorption significantly improve traction over rough ground, especially at low speed - thanks to our efforts to optimise the form and layout of the tread blocks, and also the tyre's internal structure. Excellent grip in the wet thanks to new silica-based rubber compounds specially designed for off-road use.



## **INCREASED LONGEVITY**

Improved stability and longevity compared to the previous range.



## **THE PERFECT COMBINATION WITH BIBMOUSSE**

Vastly improved stability and reliability throughout the tyre's life thanks to better Bibmousse compatibility. Pairing with Bibmousse gives maximum endurance and grip in the toughest conditions.



GRIP



LONGEVITY



OFF-ROAD ROBUSTNESS





# MICHELIN / ENDURO XTREM



NON ROAD LEGAL

LEASURE

EXPERT

SAND

MUD

GRASS

CLAY

ROCKS

COMPACT

## REAR ENDURO TYRE USED BY CHAMPIONS\*



### CONTROL AND TRACTION

An exclusive compound mix which offers excellent grip and traction particularly riding uphill and braking. Extremely versatile thanks to the innovative design of the MICHELIN Enduro Medium tyre tread pattern.



\* Partnership with RockStar Energy Husqvarna Factory Racing, Sherco Racing Factory and other renowned riders:

Graham Jarvis (Husqvarna)  
Billy Bolt (Husqvarna)  
Alfredo Gomez (Husqvarna)  
Manuel Lettenbichler (KTM)  
Mario Roman (Sherco)  
Wade Young (Sherco)

Winning Performance!

2018 WESS Champion and 2019 XL Lagares & Erzberg Rodeo Winner  
XL Lagares (Portugal) Winner - Mario Roman (Sherco) Erzberg Rodeo (Austria) Winner - Graham Jarvis (Husqvarna) Hixpania (Spain) Winner - Graham Jarvis (Husqvarna)

Adaptative tread pattern

Studs designed specifically for rough terrain to ensure optimum grip even at low speeds.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL. **0.8 BAR - 11.5 PSI**  
**0.6 BAR - 9 PSI MINI**

WIDTH	RATIO	DIAM.	INDEX L.	TL S.	CAI /TT	MOUSSES DIM.	CAI	UHD TUBE	TUBES CAI	UHD HD	CAI
140	80	18	70	M	TT	101261	M18	763062	18UHD Larg.	600967	18MGR 795250
							M14	057337			

BIBMOUSSE M14 FOR MAXIMUM LONGEVITY. A «WARM-UP» PHASE IS NEEDED TO GET THE BEST PERFORMANCE OF THE TIRE.  
BIBMOUSSE M18 WILL BRING LESS LONGEVITY BUT GIVES IMMEDIATE PERFORMANCE. NO «WARM-UP» NEEDED.



# MICHELIN / ENDURO MEDIUM



LEASURE

EXPERT

SAND

MUD

GRASS

CLAY

ROCKS

COMPACT

## ENDURO TYRE FOR **SOFT AND MIXED TERRAIN**



### FOR EXCELLENT CONTROL

Outstanding traction thanks to the innovative tread design which adapts perfectly to sandy, grassy, muddy ground as well as harder dirt tracks. The tread blocks ensure grip and stability over soft mixed terrain.



Adaptative tread pattern

Studs designed specifically for rough terrain to ensure optimum grip even at low speeds.



Adaptative tread pattern

Studs designed specifically for rough terrain to ensure optimum grip even at low speeds.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.0 BAR** - 14.5 PSI  
12 PSI MINI

WIDTH RATIO DIAM.		INDEX		TL/TT	CAI	MOUSSES			TUBES			
		L.	S.			DIM.	CAI		CAI	UHD	HD	CAI
90	90	21	54	R	TT	537009	M15	057333	21UHD	827203	21MDR	833092
90	100	21	57	R	TT	214111	M16	338000	21UHD	827203	21MDR	833092

**1.0 BAR** - 14.5 PSI  
12 PSI MINI

WIDTH RATIO DIAM.		INDEX		TL	CAI	MOUSSES			UHD	TUBES			
		L.	S.	/TT		DIM.	CAI		TUBE	CAI	UHD	HD	CAI
120	90	18	65	R	TT	658101	M18	763062	18UHD Med.	034757	18MFR	830920	
140	80	18	70	R	TT	536997	M14	057337	18UHD Larg.	600967	18MGR	795250	

MICHELIN / ENDURO *HARD*



LEASURE      EXPERT

SAND      MUD      GRASS      CLAY      ROCKS      COMPACT

ENDURO TYRE  
FOR HARD TERRAIN!



MORE ACCURACY THAN EVER

The tread's enhanced rigidity improves accuracy and grip, and assists cornering security. A reduction in the height of the tread blocks on the sides increases stability.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.      **1.0 BAR - 14.5 PSI**  
12 PSI MINI

WIDTH		RATIO	DIAM.	INDEX	TL/TT	CAI	MOUSSES			TUBES			
				L.	S.		DIM.	CAI	UHD	CAI	UHD	HD	CAI
90	90	21	54	R	TT	087442	M15	057333	21UHD	827203	21MDR	833092	
90	100	21	57	R	TT	633081	M16	338000	21UHD	827203	21MDR	833092	

Adaptative tread pattern

Studs designed specifically for rough terrain to ensure optimum grip even at low speeds.





# OFF-ROAD RALLYE

 36 VICTORIES IN THE DAKAR RALLY SINCE 1983!



## **EXCELLENT RESISTANCE**

Acclaimed by the KTM Factory Team for its excellent robustness and wear, whatever the terrain, temperature, power and weight of the bikes.



## **OPTIMUM STABILITY**

A technological development that provides optimum stability at high speed.



OFF-ROAD ROBUSTNESS



STABILITY



## MICHELIN / Desert RACE

ROAD LEGAL



LEASURE

EXPERT

SAND

MUD

GRASS

CLAY

ROCKS

COMPACT

**FOR CROSS-COUNTRY RALLYING, OFFERING RESISTANCE AND OPTIMUM STABILITY AT HIGH SPEED**

**PERFECT FOR WINDING TRACKS**

The all-terrain tyre for competitors that demands excellent control of the bike on winding tracks (mixed or hard), even at high speed.

**EXCELLENT ROBUSTNESS**

Excellent robustness, whatever the terrain, temperature, power and weight of the bike. Paired with MICHELIN Bibmouse, the tyre is even more robust.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
**15 PSI MINI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES CAI	UHD	HD	CAI
90	90	21	54	R	TT	209230	M16	338000	21UHD Med.	827203	21MDR	833092	



**1.5 BAR - 21.5 PSI**  
**18.5 PSI MINI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES CAI	UHD	HD	CAI
140	80	18	70	R	TT	111636	M02	057331	18UHD Larg.	600967	18MGR	795250	

## MICHELIN / Desert RACE BAJA

ROAD LEGAL



LEASURE

EXPERT

SAND

MUD

GRASS

CLAY

ROCKS

COMPACT

**FOR CROSS-COUNTRY RALLYING, OUR EXPERT FOR SANDY GROUND**

**EVEN MORE ROBUST FOR THE REAR**

A tyre with reinforced tread blocks and made even more robust when paired with MICHELIN Bibmouse. It can even be used in Enduro on heavier bikes.

**EXCELLENT STABILITY**

Excellent stability at high speed in winding and sandy conditions.



RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL.

**1.2 BAR - 17.5 PSI**  
**1.0 BAR - 15 PSI MINI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MICHELIN BIBMOUSSE DIM.	CAI	UHD	TUBES CAI	UHD	HD	CAI
140	80	18	70	R	TT	159093	M02	057331	18UHD Larg.	600967	18MGR	795250	

SPECIAL DEVELOPMENT



# OFF-ROAD TRIAL



**13TH CONSECUTIVE WORLD CHAMPION TITLES  
BOTH INDOOR AND OUTDOOR TRIALS!**



## **REMARKABLE RESISTANCE**

Acclaimed by the Honda Repsol Team for its remarkable resistance over all types of ground.



## **FAIL-SAFE GRIP**

A technological development that provides excellent grip over all types of ground.



OFF-ROAD ROBUSTNESS



DRY GRIP





# MICHELIN / Trial Competition



ROAD LEGAL

# MICHELIN / Trial Competition X11

		LEASURE		EXPERT	
SAND	MUD	GRASS	CLAY	ROCKS	COMPACT

## LIGHTNESS AND GRIP FOR TRIALS



### GRIP AND STRENGTH

More adapted to include soft terrain than the X Light, it has been the choice of both pros and amateurs for many years.



### LIGHT AND FLEXIBLE

A light, flexible tyre for ease of handling and secure grip



MICHELIN / Trial Competition

RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL. **0.4 BAR - 6 PSI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	TUBES HD	CAI
2.75	-	21	45	L	TT	057230	21 TRIAL	135666



MICHELIN / Trial Competition X11

**0.3 BAR - 5 PSI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	TUBES HD	CAI
4.00	-	R 21	64	L	TL	097047	-	-

# MICHELIN / Trial Light



ROAD LEGAL

# MICHELIN / Trial X-Light Competition

		LEASURE		EXPERT	
SAND	MUD	GRASS	CLAY	ROCKS	COMPACT

## CHAMPION IN THE TRIAL\* CATEGORY!



### LIGHTWEIGHT TO ASSIST SIDEWAYS MOVEMENT

Ultra-light construction (6% lighter than the MICHELIN Trial Competition) to assist the bike's accuracy and handling as much as possible.



### IT HOLDS ONTO ROCKS

Its "Maximised Contact Patch" casing gives it remarkable grip, literally folding around obstacles and rocks.



\*Outdoor Trial 2019 world champion for the 13th consecutive time with Toni Bou (Honda Repsol)



MICHELIN / Trial Light

RECOMMENDED PRESSURE : DEPENDENT ON THE TERRAIN, WEATHER CONDITIONS, THE MOTORCYCLE POWER AND THE RIDER'S LEVEL OF SKILL. **0.4 BAR - 6 PSI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	TUBES HD	CAI
80	100	21	51	M	TT	436147	21 TRIAL	135666



MICHELIN / Trial X-Light Competition

**0.3 BAR - 5 PSI**

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	TUBES HD	CAI
120	100	R 18	68	M	TL	546774	-	-





NON ROAD LEGAL

## TO MAKE **PUNCTURE** **IMPOSSIBLE!**



### **IT'S JUST PUNCTURE-PROOF!**

Invented by Michelin for Cross Country, Rally, Enduro and Motocross use. An exclusive Michelin technology who alloy air and rubber compounds for a perfect symbiosis between tire and mousse!



### **EXCELLENT LONGEVITY**

It eliminates punctures and have an excellent longevity, using Michelin gel optimise MICHELINBibmousse durability.



### **HIGH DAMPING CAPACITY**

Lighter than a reinforced inner tube, it has a high damping capacity thanks to its air/rubber alloy.



An unmatched record :

. 36 victories in the Dakar since 1983!

. 22 world titles in enduro

. 7 world titles in MX

**ANTI-  
PUNCTURE**  
FOAM TECHNOLOGY





## THE BIBMOUSSE PACKAGE CONTAINS:

- One Bibmousse
- One Fitting Gel (maximizes the lifespan of Michelin Bibmousse)
- Michelin stickers and use by date
- User Instructions



BIBMOUSSE	DIMENSION	CAI	MICHELIN TYRE	TYRE DIM.	TYRE CAI	TUBES	CAI UHD
M15	80/100 - 90/90 - 21	057333	STARCROSS 5 SAND	80/100 - 21	930497	21 UHD	827203
			STARCROSS 5 SOFT	80/100 - 21	785304	21 UHD	827203
			STARCROSS 5 MEDIUM	80/100 - 21	106704	21 UHD	827203
			TRACKER	80/100 - 21	691556	21 UHD	827203
			ENDURO MEDIUM	90/90 - 21	537009	21 UHD	827203
			ENDURO HARD	90/90 - 21	087442	21 UHD	827203
M16	90/100 - 21	338000	TRACKER	90/90 - 21	920489	21 UHD	827203
			STARCROSS 5 SOFT	90/100 - 21	725836	21 UHD	827203
			STARCROSS 5 SAND	80/100 - 21	930497	21 UHD	827203
			STARCROSS 5 MEDIUM	90/100 - 21	201735	21 UHD	827203
			STARCROSS 5 HARD	90/100 - 21	290055	21 UHD	827203
			ENDURO MEDIUM	90/100 - 21	214111	21 UHD	827203
M22	100-90 - 19	057334	ENDURO HARD	90/100 - 21	633081	21 UHD	827203
			DESERT RACE	90/90 - 21	209230	21 UHD	827203
			STARCROSS 5 SAND	100/90 - 19	297381	19 UHD	842770
			STARCROSS 5 SOFT	100/90 - 19	162418	19 UHD	842770
			STARCROSS 5 MEDIUM	100/90 - 19	964279	19 UHD	842770
			TRACKER	100/90 - 19	777632	19 UHD	842770
M199	110/90 - 19	057335	STARCROSS 5 SAND	110/90 - 19	949050	19 UHD	842770
			STARCROSS 5 SOFT	110/90 - 19	047359	19 UHD	842770
			STARCROSS 5 MEDIUM	110/90 - 19	916748	19 UHD	842770
			STARCROSS 5 HARD	110/90 - 19	643728	19 UHD	842770
			TRACKER	110/90 - 19	505893	19 UHD	842770
			STARCROSS 5 SOFT	120/80 - 19	275510	19 UHD	842770
M18	120/80 - 19	057338	STARCROSS 5 MEDIUM	120/80 - 19	414640	19 UHD	842770
			TRACKER	120/80 - 19	986133	19 UHD	842770
			STARCROSS 5 SOFT	100/100 - 18	143683	18 UHD MEDIUM	034757
			STARCROSS 5 MEDIUM	100/110 - 18	087232	18 UHD MEDIUM	034757
			TRACKER	100/100 - 18	535355	18 UHD MEDIUM	034757
			STARCROSS 5 SOFT	110/100 - 18	227750	18 UHD MEDIUM	034757
M14	120/90 - 18 (Cross)	057337	STARCROSS 5 MEDIUM	110/100 - 18	111795	18 UHD MEDIUM	600967
			ENDURO MEDIUM	120/90 - 18	658101	18 UHD MEDIUM	034757
			TRACKER	120/90 - 18	885099	18 UHD MEDIUM	034757
			ENDURO XTREM	140/80 - 18	101261	18 UHD LARGE	600967
			TRACKER	140/80 - 18	087115	18 UHD LARGE	600967
			STARCROSS 5 SOFT	120/90 - 18	461928	18 UHD LARGE	600967
M02	140/80 - 18 (Enduro)	057331	STARCROSS 5 MEDIUM	120/90 - 18	771311	18 UHD LARGE	600967
			ENDURO XTREM	140/80 - 18	101261	18 UHD LARGE	600967
			ENDURO MEDIUM	140/80 - 18	536997	18 UHD LARGE	600967
			TRACKER	140/80 - 18	087115	18 UHD LARGE	600967
			DESERT RACE BAJA	140/80 - 18	159093	18 UHD LARGE	600967
			DESERT RACE	140/80 - 18	111636	18 UHD LARGE	600967
			DESERT RACE BAJA	140/80 - 18	159093	18 UHD LARGE	600967

Not for highway use. Exclusive use with MICHELIN specified Enduro, Rally Raid et Cross ranges.

New MICHELIN Bibmousse are not recommended on Tracker and former Enduro Competition ranges due to fitting difficulties.



# OFF-ROAD INNER TUBES



## MOTO - TR4



### UHD

#### ULTRA HEAVY DUTY INNER TUBE

4.0mm thick

#### OFF-ROAD AND REINF

2.5mm thick

#### STANDARD MOTORCYCLE AND SCOOTER

1.8mm thick

SHORT CODE	VALVE TR4	UHD	RENF.	CAI	SIZE - COMPATIBILITY					
10 MBR	✓		✓	155574	2.50-10	2.75-10				
12 MCR	✓		✓	974530	2.50-12	80/100-12				
14 MBR	✓		✓	931670	60/100-14					
90/100-14	✓		✓	125389	90/100-14					
90/100-16	✓		✓	125390	90/100-16					
70/100-17	✓		✓	125391	70/100-17					
18 UHD MEDIUM	✓	✓		034757	100/100-18	110/100-18	120/90-18	130/80-18		
18 MFR	✓		✓	830920	130/80-18	100/100-18	110/100-18			
18 MGR	✓		✓	795250	130/80-18	140/80-18	120/90-18	130/90-18	100/100-18	110/100-18
18 UHD LARGE	✓	✓		600967	140/80-18					
19 UHD	✓	✓		842770	100/90-19	110/90-19	120/80-19	130/70-19		
19 MFR	✓		✓	623140	110/90-19	130/70-19				
19 MER	✓		✓	754720	120/80-19	100/90-19				
70/100-19	✓		✓	125392	70/100-19					
21 MDR	✓		✓	833092	2.50-21	2.75-21	3.00-21	80/90-21	90/90-21	80/100-21
21 TRIAL	✓		✓	135666	2.75-21	SPECIAL TRIAL				
21 UHD	✓	✓		827203	80/100-21	90/90-21				

# RIM BAND



CAI	DIMENSIONS
919627	RIM BAND 1.35/1.85 X 17/18 (1200 X 25)
949947	RIM BAND 1.60/1.85 X 21 (1400 X 25)
656415	RIM BAND 1.60/2.00 X 18/19 (1300 X 25)
359215	RIM BAND 2.15/3.00 X 17/18/19 (1200 X 33)
084980	RIM BAND 4.50 X 17/18 (1200 X 63)
646046	RIM BAND 3.00 X 16 (1300 X 33) C
237969	RIM BAND 3.00 X 16 (1300 X 33) D
509317	RIM BAND 3.50 X 16 (1050 X 45)

## DIMENSIONS



## MOTOCROSS

## MICHELIN STARCROSS 5 SAND

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
80	100	21	51	M	TT	930497	M15 057333	827203	21 UHD	21MDR 833092		
							M16 338000					

## MICHELIN STARCROSS 5 SOFT

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
80	100	21	51	M	TT	785304	M15 057333	21 UHD	827203	21MDR 833092		
							M16 338000					
90	100	21	57	M	TT	725836	M16 338000	21 UHD	827203	21MDR 833092		
70	100	17	40	M	TT	087554						
70	100	19	42	M	TT	920289						

JUNIOR

## MICHELIN STARCROSS 5 MEDIUM

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
80	100	21	51	M	TT	106704	M15 057333	21 UHD	827203	21MDR 833092		
							M16 338000					
90	100	21	57	M	TT	201735	M16 338000	21 UHD	827203	21MDR 833092		
70	100	17	40	M	TT	021161						
70	100	19	42	M	TT	064426						

JUNIOR

## MICHELIN STARCROSS 5 HARD

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
90	100	21	57	M	TT	290055	M16 338000	21 UHD	827203	21MDR 833092		

## MICHELIN STARCROSS 5 MINI

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI
2.50	-	12	36	J	TT	786519
60	100	14	29	M	TT	920290



WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI
2.50	-	10	33	J	TT	868951



WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
100	90	19	57	M	TT	297381	M22 057334	842770	19 UHD	19MER 754720		
110	90	19	62	M	TT	949050	M199 057335	842770	19 UHD	19MFR 623140		

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
100	100	18	59	M	TT	143683	M18 763062	18UHD Med.	034757	18MFR 830920		
110	100	18	64	M	TT	227750	M18 763062	18UHD Med.	034757	18MFR 830920		
120	90	18	65	M	TT	461928	M14 057337	18UHD Med.	600967	18MGR 795250		
100	90	19	57	M	TT	162418	M22 057334	19UHD	842770	19MER 754720		
110	90	19	62	M	TT	047359	M199 057335	19UHD	842770	19MFR 623140		
120	80	19	63	M	TT	275510	M199 057335	19UHD	842770	19MER 754720		
90	100	14	49	M	TT	120309						
90	100	16	51	M	TT	546228						

JUNIOR

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
100	100	18	59	M	TT	087232	M18 763062	18UHD Med.	034757	18MFR 830920		
110	100	18	64	M	TT	111795	M18 763062	18UHD Med.	034757	18MFR 830920		
120	90	18	65	M	TT	771311	M14 057337	18UHD Med.	600967	18MGR 795250		
100	90	19	57	M	TT	964279	M22 057334	19UHD	842770	19MER 754720		
110	90	19	62	M	TT	916748	M199 057335	19UHD	842770	19MFR 623140		
120	80	19	63	M	TT	414640	M199 057335	19UHD	842770	19MER 754720		
90	100	14	49	M	TT	649440						
90	100	16	51	M	TT	732509						

JUNIOR

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
110	90	19	62	M	TT	643728	M199 057335	19UHD	842770	19MFR 623140		



## LOISIRS &amp; ENTRAÎNEMENT

## MICHELIN TRACKER

WIDTH	RATIO	DIAM.	INDEX LOAD	INDEX SPEED	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
80	100	21	51	R	TT	691556	M15 057333	21 UHD	827203	21MDR 833092		
90	90	21	54	R	TT	920489	M15 057333	21 UHD	827203	21MDR 833092		



WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES UHD	TUBES HD	CAI
100	100	18	59	R	TT	535355			18UHD Med.	034757	18MFR 830920	
110	100	18	64	R	TT	173362			18UHD Med.	034757	18MGR 795250	
120	90	18	65	R	TT	885099	M18 057338	18UHD Larg.	600967	18MGR 795250		
140	80	18	70	R	TT	087115	M18 057338	18UHD Larg.	600967	18MGR 795250		
100	90	19	57	R	TT	777632	M22 057334	19UHD	842770	19MER 754720		
110	90	19	62	R	TT	505893	M199 057335	19UHD	842770	19MFR 623140		
120	80	19	63	R	TT	986133			19UHD	842770	19MFR 754720	





## ENDURO

### MICHELIN ENDURO XTREM

### MICHELIN ENDURO MEDIUM

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES CAI UHD	HD	CAI
90	90	21	54	R	TT	537009	M15	057333	21UHD	827203	21MDR	833092
90	100	21	57	R	TT	214111	M16	338000	21UHD	827203	21MDR	833092

### MICHELIN ENDURO HARD

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES CAI UHD	HD	CAI
90	90	21	54	R	TT	087442	M15	057333	21UHD	827203	21MDR	833092
90	100	21	57	R	TT	633081	M16	338000	21UHD	827203	21MDR	833092



WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL /TT	CAI	MOUSSES DIM.	CAI	UHD TUBE	TUBES CAI UHD	HD	CAI
140	80	18	70	M	TT	101261	M18	763062	18UHD Larg.	600967	18MGR	795250
							M14	057337				

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL /TT	CAI	MOUSSES DIM.	CAI	UHD TUBE	TUBES CAI UHD	HD	CAI
120	90	18	65	R	TT	658101	M18	763062	18UHD Med.	034757	18MFR	830920
140	80	18	70	R	TT	536997	M14	057337	18UHD Larg.	600967	18MGR	795250



## RALLYE

### MICHELIN DESERT RACE

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES CAI UHD	HD	CAI
90	90	21	54	R	TT	209230	M16	338000	21UHD Med.	827203	21MDR	833092

### MICHELIN DESERT RACE BAJA



WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES DIM.	CAI	UHD	TUBES CAI UHD	HD	CAI
140	80	18	70	R	TT	111636	M02	057331	18UHD Larg.	600967	18MGR	795250

WIDTH	RATIO	DIAM.	INDICES L.	INDICES S.	TL/TT	CAI	MICHELIN BIBMOUSSE DIM.	CAI	UHD	TUBES CAI UHD	HD	CAI
140	80	18	70	R	TT	159093	M02	057331	18UHD Larg.	600967	18MGR	795250
							SPECIAL DEVELOPMENT					



## TRIAL

### MICHELIN TRIAL COMPETITION

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	TUBES HD	CAI
2.75	-	21	45	L	TT	057230	21 TRIAL	135666

### MICHELIN TRIAL COMPETITION X11

### MICHELIN TRIAL COMPETITION TRIAL LIGHT

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES HD	CAI
80	100	21	51	M	TT	436147	21 TRIAL	135666

### MICHELIN TRIAL X-LIGHT COMPETITION
















WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES HD	CAI
4.00	-	R	21	64	L	TL	097047	-
								-

WIDTH	RATIO	DIAM.	INDEX L.	INDEX S.	TL/TT	CAI	MOUSSES HD	CAI
120	100	R	18	68	M	TL	546774	-
								-





# URBAN MOBILITY

	VEHICLE TYPE	ROAD TYPE		PERFORMANCE		
		ROAD	OFF-ROAD			
SCOOTER & MAXI SCOOTER						
MICHELIN <div>NEW</div> CITY GRIP SAVER	 ELECTRIC	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★★
MICHELIN <div>NEW</div> CITY GRIP 2	 ALL SEASON M+S	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★☆
MICHELIN CITY GRIP	 STANDARD	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★★	★★★★☆
MICHELIN POWER PURE SC	 STANDARD	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★☆
MICHELIN S1	 STANDARD	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★☆
MICHELIN BOPPER	 STANDARD	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★☆
MICHELIN PILOT ROAD 4 SC	 RADIAL	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★☆
MICHELIN PILOT POWER 3 SC	 RADIAL	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★☆	★★★★☆
SCOOTER RETRO/LIFESTYLE						
MICHELIN S83	 STANDARD	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★☆
MICHELIN ACS	 STANDARD	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★☆



WET GRIP























LONGEVITY



AUTONOMY

MICHELIN usage recommendations, Indicative performance rating for MICHELIN tires.

	VEHICLE TYPE	ROAD TYPE		PERFORMANCE			
		ROAD	OFF-ROAD				
MOTO							
MICHELIN PILOT STREET 2	  SPORT	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★★	★★★★★	
MICHELIN PILOT STREET	  SPORT	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★★	★★★★★	
MICHELIN PILOT MOTO GP	  SPORT	<div><div></div></div>	<div><div></div></div>	★★★★★	★★★★☆	★★★★☆	
MICHELIN CITY PRO	  FUNCTIONAL	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	
MICHELIN CITY GRIP PRO	  FUNCTIONAL	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	
MICHELIN M35		<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	
ON-OFF-ROAD							
MICHELIN <span>NEW</span> ANAKEE STREET	 	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	★★★★★
MICHELIN SIRAC STREET	 	<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	★★★★☆
MICHELIN REGGAE		<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	★★★★☆
MICHELIN M45		<div><div></div></div>	<div><div></div></div>	★★★★☆	★★★★☆	★★★★★	★★★★☆



WET GRIP



LONGEVITY



URBAN USAGE ROBUSTNESS



OFF-ROAD CAPACITY



**NEW**

# MICHELIN / CITY GRIP SAVER

ROAD

OFF-ROAD

**SPECIFICALLY DEVELOPED FOR  
ELECTRIC SCOOTERS**

## ENERGY SAVER

The MICHELIN City Grip Saver tyre offers very low rolling resistance thanks to new «Electric ready» silica-based materials with very low power dissipation, so your battery lasts longer than with the original MICHELIN City Grip\*



## EXCELLENT GRIP IN THE WET

A new silica-based rubber compound with shark tooth sipes gives this tyre outstanding grip on wet or slippery surfaces. It achieves remarkably short braking distances in the wet \*\*!



## RENOWNED LONGEVITY

Battery saving and maximum grip, while maintaining the renowned longevity of the City Grip ranges!



**TIER 1**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
100	80	14	48	S	TL	497075	<b>GOGORO</b>
100	80	12	56	P	TL	931871	

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
110	80	12	61	P	TL	393484	<b>GOGORO</b>
110	70	13	54	S	TL REINF	768818	

\* Modelling of power dissipation between a 100/80 - 14 MIC 48S CITY GRIP SAVER TL and a CITY GRIP. Done at the Michelin Research Centre in France, in July 2018

\*\* Comparison done at the Michelin Test Centre in France, in November 2018, with a Honda PCX 125 scooter fitted with a 100/80 - 14 MIC 48S CITY GRIP SAVER TL tyre at the front and a 110/70 - 13 MIC 54S REINF CITY GRIP SAVER TL tyre at the rear, compared with a 100/80 - 14 MIC 48P CITY GRIP TL/TT front tyre and a 110/70 - 13 MIC 48P CITY GRIP TL rear tyre. Comparison results: the MICHELIN City Grip Saver stops 4.5 metres earlier than the MICHELIN City Grip.





**NEW**

# MICHELIN / CITY GRIP 2

ROAD

OFF-ROAD

**YOUR TRUSTED ALLY ON DRY OR WET SURFACES, IN THE CITY OR ON OPEN ROADS, WHATEVER THE SEASON**



## OUTSTANDING GRIP

A new silica-based rubber compound with shark tooth sipes gives this tyre outstanding grip on wet or slippery surfaces. It achieves remarkably short braking distances in the wet \*!



## EXCELLENT LONGEVITY

Renowned longevity of the City Grip ranges!



## THE CHOICE OF PREMIUM MANUFACTURERS

The MICHELIN City Grip 2 has already been selected by major manufacturers to fit on their scooters (PIAGGIO, YAMAHA, etc.)



**MICHELIN CITY GRIP TIRES ARE CHOSEN BY MAIN SCOOTER MANUFACTURERS SUCH AS PIAGGIO, HONDA, ...**

**TIER 1**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	70	13	48	S		TL	334017
110	90	13	56	S		TL	640985
120	70	12	51	S		TL	428596
120	70	13	53	S		TL	686453
120	70	15	56	S		TL	624880
110	70	12	47	S		TL	679135
110	70	16	52	S		TL	930281



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
100	90	14	57	S	REINF.	TL	139610
130	70	16	61	S		TL	241569
130	80	15	63	S		TL	322226
140	60	13	63	S	REINF.	TL	491976
140	60	14	64	S	REINF.	TL	449613
140	70	12	65	S	REINF.	TL	494607
140	70	14	68	S	REINF.	TL	003142
140	70	15	69	S	REINF.	TL	997521
140	70	16	65	S		TL	941396
150	70	13	64	S		TL	434660
150	70	14	66	S		TL	276504



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
90	80	16	51	S	REINF.	TL	871874
90	90	14	52	S	REINF.	TL	454483
100	80	16	50	S		TL	019996
110	90	12	64	S		TL	178008
120	70	12	58	S	REINF.	TL	183833
120	70	14	61	S	REINF.	TL	627902
120	80	12	65	S		TL	694192
120	80	14	58	S		TL	855484
120	80	16	60	S		TL	580315
130	60	13	60	S	REINF.	TL	691809
130	70	12	62	S	REINF.	TL	095189
130	70	13	63	S	REINF.	TL	019653
110	80	14	59	S	REINF.	TL	139596

\* Braking distance comparison. The tyres used at the front are PIRELLI ANGEL SCOOTER 120/70 - 15 56S TL and MICHELIN CITY GRIP 2 120/70 - 15 56S TL. The tyres used at the rear are PIRELLI ANGEL SCOOTER 140/70 - 14 REINF 68S TL and MICHELIN CITY GRIP 2 140/70 - 14 REINF 68S TL. Comparison conducted on the test track at Ladoux (France), in May 2019 with a YAMAHA XMAX 125.

IT'S NOT AN EVOLUTION,  
IT'S A REVOLUTION!

## MICHELIN CITY GRIP 2

SAFETY ON DRY OR WET SURFACES FOR AN URBAN OR ROAD USAGE.

SHARK TOOTH SIPES IMPROVES  
GRIP ON WET SURFACES AND  
PROVIDES AN **EXCEPTIONAL WET  
BRAKING DISTANCE.**



THE SILICA-BASED SIPES ALLOW  
A PERFECT CONTRÔLE OF THE  
SCOOTER BOTH ON **WET OR DRY  
SURFACES.**





ROAD

OFF-ROAD



TIER 1

## 1<sup>ST</sup> GENERATION OF THE MICHELIN CITY GRIP RANGES



### OUTSTANDING GRIP

Grip and safety on wet roads thanks to MICHELIN Progressive Sipe Technology patented sipes!



### RENOWNED LONGEVITY

All technologies used aid longevity and control of the scooter, both in the dry and in the wet.



### THE CHOICE OF PREMIUM MANUFACTURERS

Chosen for the most acclaimed scooter models\*: Piaggio MP3, Yamaha X-MAX, Honda PCX, Vespa GTS, etc.



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	70	11	45	L		TL	822389
100	80	14	48	P		TL/TT	336154
120	70	14	55	P		TL	996576
120	70	15	56	P		TL	640949
120	70	16	57	P		TL	427212



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
120	70	10	54	L	REINF.	TL	352614
120	70	11	56	L	REINF.	TL	024149
120	70	14	55	P		TL/TT	939889
120	70	14	61	P	REINF.	TL	733128
140	60	14	64	P	REINF.	TL	279649
140	70	14	68	P	REINF.	TL	418951



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
90	90	10	50	J		TL	422970
100	80	10	53	L		TL	616514
100	90	10	56	J		TL	769001
90	90	12	54	P		TL	771830
100	90	12	64	P	REINF.	TL	386859



# MICHELIN / POWER PURE SC

ROAD

OFF-ROAD



## GRIP AND SPORTY PERFORMANCE FOR YOUR SCOOTER IN TOWN AND OUT



Grip



Grip

KM  
MILES

### OUTSTANDING GRIP

Increased grip thanks to MICHELIN 2CT Dual-Compound Technology. This technology aids stability and handling by promoting even wear, needed for riding in an urban environment.

### EXCELLENT LONGEVITY

2CT Dual-Compound Technology provides outstanding grip while offering excellent longevity.



MICHELIN POWER PURE SC TYRES ARE APPROVED ON PEUGEOT, YAMAHA AND MBK SCOOTER RANGES.

TIER 1

## 2CT

TWO COMPOUND TECHNOLOGY



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	70	12	47	L		TL	024497
110	90	13	56	P		TL	796466
120	70	13	53	P		TL	424346
120	70	15	56	S		TL	888685
120	80	14	48	S		TL	459869

PEUGEOT  
OE

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
140	60	13	57	L		TL	566401
130	70	12	56	P		TL	905276
130	70	12	62	P	REINF.	TL	305000
130	70	13	63	P	REINF.	TL	738847
130	80	15	63	P		TL	286927
140	60	13	57	P		TL	068265
140	70	12	60	P		TL	458242
150	70	13	64	S		TL	923566

MBK OE



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
120	70	12	51	P		TL	101866
120	70	12	58	P	REINF.	TL	614566
130	60	13	53	P		TL	146100
130	60	13	60	P	REINF.	TL	382282

YAMAHA  
OE  
PEUGEOT  
OE







# MICHELIN / S1



ROAD

OFF-ROAD

ALL THE **ESSENTIAL TYRE**  
PERFORMANCE FOR YOUR SCOOTER



## A VERSATILE TYRE

A versatile tyre that ensures a good level of grip with an elegant look for your scooter.

TIER **2**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
3.00	-	10	50	J	TL/TT	871893	10B
3.50	-	10	59	J	TL/TT	968820	10B
80	90	10	44	J	TL/TT	601859	10B
80	100	10	46	J	TL/TT	309015	10B
100	90	10	56	J	TL/TT	104697	10B
100	80	10	53	L	TL/TT	534454	10B
110	80	10	58	J	TL/TT	104721	10C
130	70	10	52	J	TL/TT	434962	-

# MICHELIN / Bopper



ROAD

OFF-ROAD

A **SPORTY LOOK AND ESSENTIAL TYRE**  
PERFORMANCE FOR YOUR SCOOTER



## A VERSATILE TYRE

A versatile tyre that ensures a good level of grip with a sporty look for your scooter.

TIER **2**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
120	90	10	57	L	TL/TT	057030	-
130	90	10	61	L	TL/TT	057031	10CG
120	70	12	51	L	TL/TT	057023	-
130	70	12	56	L	TL/TT	057024	-



ROAD

OFF-ROAD



## SAFETY AND STABLE HANDLING FOR YOUR MAXI-SCOOTER ON DRY AND WET ROADS



### GOOD LEVEL OF GRIP

Good level of grip on dry and wet roads thanks to the combination of MICHELIN "X Sipe Technology +" and a silica-based rubber compound. 100% silica rubber offers good grip in the most hazardous conditions on many road types.



### STAY IN CONTROL

A radial structure that improves handling and stability of the most powerful Maxi-Scooters.



### GREATER LONGEVITY

Thanks to Michelin 2CT technology, the MICHELIN Pilot Road 4 SC tyre is designed to have a longer life.

TIER 1



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	R	15	56	H	TL	811754

WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	R	14	65	H	TL	648697
160	60	R	15	67	H	TL	620409

# MICHELIN / PILOT POWER 3 SC

ROAD

OFF-ROAD



## SAFETY AND SPORTY PERFORMANCE FOR YOUR MAXI-SCOOTER ON DRY AND WET ROADS



### GOOD LEVEL OF GRIP FOR A SPORTY RIDE

Grip and stability for a sporty ride thanks to MICHELIN 2CT Dual-Compound Technology.



### STAY IN CONTROL

A radial structure that improves handling and stability of the most powerful Maxi-Scooters.



### GREATER LONGEVITY

Thanks to Michelin 2CT technology, the MICHELIN Pilot Power 3 SC tyre is designed to have a longer life.

TIER 1

2CT  
TWO COMPOUND TECHNOLOGY



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	R	15	56	H	TL	171295
120	70	R	14	55	H	TL	817220



WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	R	15	67	H	TL	184338



# MICHELIN / S83

ROAD

OFF-ROAD

A CUSTOMISED DESIGN TO GIVE YOUR SCOOTER A **RETRO LOOK**



## SAFETY AND GRIP

Safety and grip customised for the most legendary retro scooters, the ideal tyre for fitting on 8 or 10-inch wheels.

TIER **3**



ORIGINAL EQUIPMENT INCLUDES THE VESPA PX125 AND PX150.



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI	IN. TUBE
3.00	-	10	42	J		TL/TT	057199	10B
3.50	-	8	46	J		TT	057237	8B
100	90	10	56	J		TL/TT	104696	10B
3.50	-	10	59	J	REINF.	TL/TT	057203	10B

# MICHELIN / ACS

ROAD

OFF-ROAD

A CUSTOMISED DESIGN TO GIVE YOUR SCOOTER A **RETRO LOOK**



## SAFETY AND GRIP

Safety and grip customised for the most legendary retro scooters, the ideal tyre for fitting on 9-inch wheels.

TIER **3**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI	IN. TUBE
2.75	-	9	35	J		TT	366314	









**NEW**

# MICHELIN / PILOT STREET 2

ROAD

OFF-ROAD



**SAFETY ON BOTH WET AND DRY SURFACES FOR EVERYDAY USE**



## GRIP IN THE WET

The MICHELIN Pilot Street 2 has a tread pattern inspired by the Moto GP™, with small central grooves and progressive side grooves designed for enhanced water clearance.



## COVER GREATER DISTANCES

Specifically designed for your motorbike and your scooter, the tread depth and its special compounds maximise the distance you can cover\*\*



## AVOID NASTY SURPRISES

The tread compounds and pattern make MICHELIN Pilot Street 2 an ally for snaking through traffic in the dry or in the wet. Highly responsive to rider input, they offer a secure and pleasurable ride

**TIER 1**



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
60	90	17	36	S	REINF.	TL	131903
70	80	17	35	S		TL	370310
110	70	17	54	S		TL	718236
120	60	17	55	S		TL	352983



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
80	90	16	48	S	REINF.	TL	770716
100	90	14	57	S	REINF.	TL	442721
130	70	17	62	S		TL	295442
140	70	17	66	S		TL	546194
150	60	B 17	66	S		TL	452800



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
80	90	14	46	S	REINF.	TL	079440
90	90	14	52	S	REINF.	TL	630872
120	70	12	58	S	REINF.	TL	336771
130	70	12	62	S	REINF.	TL	739341
90	90	10	50	P		TL	064890
90	90	12	54	S		TL	412245
100	90	10	61	P	REINF.	TL	342905
70	90	17	43	S	REINF.	TL	525543
80	90	17	50	S	REINF.	TL	993808
90	80	17	46	S		TL	638226
100	80	17	52	S		TL	503701

\* The independent body TÜV approved the results of a test conducted at Fontange, in France, in September 2018, to assess the overall performance (grip, braking, agility) of the MICHELIN Pilot Street 2 compared to its main competitors in the wet (Front: COMPETITOR A 80/90-14 40 S TL, COMPETITOR B 80/90-14 40 S TL, MICHELIN PILOT STREET 80/90-14 46P REINF TL and MICHELIN PILOT STREET 2 80/90-14 46S REINF TL/Rear: COMPETITOR A 90/90-14 46 S TL, COMPETITOR B 90/90-14 46S TL, MICHELIN PILOT STREET 90/90-14 52P REINF TL and MICHELIN PILOT STREET 2 90/90-14 52S REINF TL).

\*\* Wear performance measured by comparing tread depth and weight loss. Tyres used for front position are ASPIRA PREMIO SPORTIVO 80/90-14 40 S TL, PIRELLI DIABLO SCOOTER 80/90-14 40S TL, Michelin Pilot Street 80/90 - 14 46P REINF TL and Michelin Pilot Street 2 80/90 - 14 46S REINF TL. Tyres used for rear position are ASPIRA PREMIO SPORTIVO 90/90-14 46 S TL, PIRELLI DIABLO SCOOTER 90/90-14 46S TL, Michelin Pilot Street 90/90 - 14 52P REINF TL and Michelin Pilot Street 2 90/90 - 14 52S REINF TL. Tests conducted on a mixture of city streets, secondary and main roads, with Honda Click 125i in September 2018.

## MICHELIN / PILOT Street



ROAD

OFF-ROAD

**THE VERSATILE TYRE FOR YOUR URBAN AND EVERYDAY USE**

**RELIABILITY ON WET ROADS**

A tread with grooves that run from the centre to the shoulder to help evacuate water and provide good grip on wet roads.

**GOOD LONGEVITY**

Optimized balance, grip and wear thanks to a design inspired by Michelin sports and touring motorcycle tyres.

TIER 1



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
90	90	17	49	P		TL	327126
100	80	17	52	S		TL/TT	510280



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
80	80	14	43	P	REINF.	TL	320632
90	80	14	49	P	REINF.	TL	256067
100	80	14	48	P		TL/TT	020016
120	70	14	61	P	REINF.	TL	696105
80	80	17	46	P	REINF.	TL	701696
100	70	17	49	S		TL/TT	765043
120	70	17	58	S		TL	744651
2.50		17	43	P	REINF.	TT	517102



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
140	70	17	66	S		TL/TT	024137

## MICHELIN / PILOT MOTO GP



ROAD

OFF-ROAD

TEXTE ZONE BLEUE TEXTE ZONE BLEUE  
TEXTE **ZONE BLEUE**

**TITRE**

Texte en dessous

TIER 3



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
70	90	14	40	S	REINF.	TL	984146
80	90	14	46	S	REINF.	TL	162551
90	90	14	52	S	REINF.	TL	345350
100	90	14	57	S	REINF.	TL	677244
60	90	17	36	S	REINF.	TL	184266
70	90	17	43	S	REINF.	TL	230230
80	90	17	50	S	REINF.	TL	399351
90	80	14	49	S	REINF.	TL	418053
90	80	17	46	S		TL	237862
100	80	14	48	S		TL	750769
100	80	17	52	S		TL	099766
120	70	17	58	S		TL	759017

**2ET**  
TWO COMPOUND TECHNOLOGY



ROAD

OFF-ROAD



## YOUR ALLY AGAINST THE UNEXPECTED



### PUNCTURE-RESISTANT

Excellent puncture resistance thanks to Michelin Overlap Technology (MOT), which incorporates 3 reinforced plies under the tread.



### LONGEVITY

L'épaisseur importante de la bande de roulement permet d'accroître la longévité du pneu tout en conservant une très bonne adhérence sur sol mouillé grâce à son sillon central et son taux d'entaillement variable.

TIER 1



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
80	80	16	45	S	REINF.	TL/TT	305452
50	100	17	30	P	REINF.	TT	715270
60	90	17	36	S	REINF.	TT	901047
60	100	17	33	P		TT	718603
2.75		18	48	S	REINF.	TL	069763



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
100	80	16	50	P		TL/TT	518358
80	90	16	48	P	REINF.	TT	067076
80	90	17	50	S	REINF.	TT	933934
100	80	18	59	P	REINF.	TL	034066
100	90	17	55	P		TL/TT	754985
3.00		17	50	P	REINF.	TT	460031



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
70	90	14	40	P	REINF.	TT	376131
80	90	14	46	P	REINF.	TT	662942
90	80	16	51	S	REINF.	TL	044558
90	90	14	52	P	REINF.	TT	007393
110	80	14	59	S	REINF.	TT	637986
120	80	16	60	S		TL/TT	944215
3.50		16	58	P	REINF.	TL/TT	445718
70	90	17	43	S	REINF.	TT	835288
80	90	17	50	S	REINF.	TT	119984
90	90	18	57	P	REINF.	TL	827549
2.25		17	38	P	REINF.	TT	783846
2.50		17	43	P	REINF.	TT	005561
2.75		17	47	P	REINF.	TT	625290
3.00		18	52	S	REINF.	TT	589411

ROAD

OFF-ROAD



**DES SCULPTURES À CRAMPONS POUR  
UN USAGE ROUTE OU CHEMIN AVEC VOTRE  
SCOOTER**



### ADAPTÉ À TOUS LES TERRAINS

Adapté à tous les terrains avec sa sculpture à crampons, un look fun et original pour un pneu scooter.

TIER **3**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
70	90	14	40	P	REINF TL	355760
80	80	14	43	P	REINF TL	838357
80	90	14	46	P	REINF TL	785166
90	80	14	49	P	REINF TL	579746
90	90	14	52	P	REINF TL	987483
110	80	14	59	P	REINF TL	364692



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
70	90	17	43	P	REINF TL	729670
80	80	17	46	P	REINF TL	919918
80	90	17	50	P	REINF TL	582411
90	80	17	53	P	REINF TL	894935
100	80	17	58	P	REINF TL	473300

ROAD

OFF-ROAD



TEXTE ZONE BLEUE TEXTE ZONE BLEUE  
TEXTE **ZONE BLEUE**



### TITRE

Texte en dessous

TIER **3**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
2.50	-	17	43	P	REINF TL	057015



NEW

## MICHELIN / ANAKEE STREET



ROAD

OFF-ROAD

THE SCOOTER TYRE DESIGNED FOR  
BOTH ROADS AND TRAILS

**SAFETY ON THE ROAD**

Excellent stability and handling thanks to the imposing tread blocks. The blocks feature indentations, helping to make them more robust off road.

**CONTROL ON TRAILS**

Optimised tread pattern for grip and even wear whatever the terrain. Directional V-shaped tread layout gives optimum road-holding, on or off tarmac.



TIER 3



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	80	14	53	S		TL	306548
120	70	14	61	P	REINF.	TL	003956



WIDTH	RATIO	DIAM.	INDICE DE CHARGE	SPEED INDEX	STD. / REINF.	TL/TT	CAI
100	90	14	57	P	REINF.	TL	279163
130	70	13	57	S		TL	363927

## MICHELIN / SIRAC STREET

ROAD

OFF-ROAD

TEXTE ZONE BLEUE TEXTE ZONE BLEUE  
TEXTE **ZONE BLEUE**

**TITRE**

Texte en dessous

TIER 3



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
70	90	17	43	P	REINF.	TL	249970
80	80	17	46	P	REINF.	TL	558912

**2CT**  
THIN COMPOUND TECHNOLOGY

## MICHELIN / Reggae



ROAD

OFF-ROAD

THE ADVENTURE STYLE ON-OFF ROAD  
TYRE FOR YOUR SCOOTER



## SUITABLE FOR ALL TERRAINS

Suitable for all terrains with its tread block pattern, a fun and original look for your scooter.

TIER 3



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	90	10	57	J	TL	057104
130	90	10	61	J	TL	104647

## MICHELIN / M45

ROAD

OFF-ROAD



TEXTE ZONE BLEUE TEXTE ZONE BLEUE  
TEXTE **ZONE BLEUE**



## TITRE

Texte en dessous

TIER 3



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
2.25		17	38	S	TT	104458
2.50		17	43	S	TT	10314
2.75		17	47	S	TT	057019

**2CT**  
TWO COMPOUND TECHNOLOGY



# SCOOTER INNER TUBE



SCOOTER : R673 - R741



SCOOTER : R742 - R746



SCOOTER : R1202



SHORT CODE	673	741	VALVE : 742	746	1202	CAI	SIZE - COMPATIBILITY				
4AB	✓					454110	4.00-4				
8B1						125611	3.50-8	4.00-8			
8B2		✓45D				125610	3.50-8	4.00-8			
8B3					✓	125614	3.50-8	4.00-8			
8B4			✓51-90			125615	3.50-8	4.00-8			
8C3					✓	125599	4.50-8				
9AB3					✓	125521	2 3/4-9	2.75-9			
10B1		✓				125616	3.00-10	3.50-10	100/80-10	100/90-10	90/90-10
10B4					✓	733003	3.00-10	3.50-10	100/80-10	100/90-10	90/90-10
10C3					✓	125603	4.00-10	110/80-10			
10CG13				✓		125683	4.00-10	4.50-10	5.00-10	130/90-10	
10D	✓					125638	4.50-10	4.80-10	5.00-10	110/90-10	
12B1		✓				125627	3.00-12	3.50-12			

## DIMENSIONS



### SCOOTER ...

#### MICHELIN CITY GRIP SAVER

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
100	80	14	48	S	TL	497075	COGORO
100	80	12	56	P	TL	931871	



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	
110	80	12	61	P	TL	393484	
110	70	13	54	S	TL REINF	768818	COGORO

#### MICHELIN CITY GRIP 2

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./REINF.	TL/TT	CAI
110	70	13	48	S		TL	334017
110	90	13	56	S		TL	640985
120	70	12	51	S		TL	428596
120	70	13	53	S		TL	686453
120	70	15	56	S		TL	624880
110	70	12	47	S		TL	679135
110	70	16	52	S		TL	930281

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./REINF.	TL/TT	CAI
100	90	14	57	S	REINF.	TL	139610
130	70	16	61	S		TL	241569
130	80	15	63	S		TL	322226
140	60	13	63	S	REINF.	TL	491976
140	60	14	64	S	REINF.	TL	449613
140	70	12	65	S	REINF.	TL	494607
140	70	14	68	S	REINF.	TL	003142
140	70	15	69	S	REINF.	TL	997521
140	70	16	65	S		TL	941396
150	70	13	64	S		TL	434660
150	70	14	66	S		TL	276504



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./REINF.	TL/TT	CAI
90	80	16	51	S	REINF.	TL	871874
90	90	14	52	S	REINF.	TL	454483
100	80	16	50	S		TL	019996
110	90	12	64	S		TL	178008
120	70	12	58	S	REINF.	TL	183833
120	70	14	61	S	REINF.	TL	627902
120	80	12	65	S		TL	694192
120	80	14	58	S		TL	855484
120	80	16	60	S		TL	580315
130	60	13	60	S	REINF.	TL	691809
130	70	12	62	S	REINF.	TL	095189
130	70	13	63	S	REINF.	TL	019653
110	80	14	59	S	REINF.	TL	139596

... **SCOOTER****MICHELIN CITY GRIP**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	70	11	45	L		TL	822389
100	80	14	48	P		TL/TT	336154
120	70	14	55	P		TL	996576
120	70	15	56	P		TL	640949
120	70	16	57	P		TL	427212



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
120	70	10	54	L	REINF.	TL	352614
120	70	11	56	L	REINF.	TL	024149
120	70	14	55	P		TL/TT	939889
120	70	14	61	P	REINF.	TL	733128
140	60	14	64	P	REINF.	TL	279649
140	70	14	68	P	REINF.	TL	418951



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
90	90	10	50	J		TL	422970
100	80	10	53	L		TL	616514
100	90	10	56	J		TL	769001
90	90	12	54	P		TL	771830
100	90	12	64	P	REINF.	TL	386859

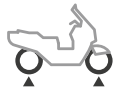
**MICHELIN POWER PURE SC**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	70	12	47	L		TL	024497
110	90	13	56	P		TL	796466
120	70	13	53	P		TL	424346
120	70	15	56	S		TL	888685
120	80	14	48	S		TL	459869

PEUGEOT OE

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
140	60	13	57	L		TL	566401
130	70	12	56	P		TL	905276
130	70	12	62	P	REINF.	TL	305000
130	70	13	63	P	REINF.	TL	738847
130	80	15	63	P		TL	286927
140	60	13	57	P		TL	068265
140	70	12	60	P		TL	458242
150	70	13	64	S		TL	923566

MBK OE



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
120	70	12	51	P		TL	101866
120	70	12	58	P	REINF.	TL	614566
130	60	13	53	P		TL	146100
130	60	13	60	P	REINF.	TL	382282

YAMAHA OE  
PEUGEOT OE**MICHELIN S1**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
3.00	-	10	50	J	TL/TT	871893	10B
3.50	-	10	59	J	TL/TT	968820	10B
80	90	10	44	J	TL/TT	601859	10B
80	100	10	46	J	TL/TT	309015	10B
100	90	10	56	J	TL/TT	104697	10B
100	80	10	53	L	TL/TT	534454	10B
110	80	10	58	J	TL/TT	104721	10C
130	70	10	52	J	TL/TT	434962	-

**MICHELIN BOPPER**

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI	IN. TUBE
120	90	10	57	L	TL/TT	057030	-
130	90	10	61	L	TL/TT	057031	10CG
120	70	12	51	L	TL/TT	057023	-
130	70	12	56	L	TL/TT	057024	-

**MICHELIN PILOT ROAD 4 SC**

WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	R	15	56	H	TL	811754

WIDTH		RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	R	14	65	H	TL	648697
160	60	R	15	67	H	TL	620409

**MICHELIN PILOT POWER 3 SC**

WIDTH	RATIO		DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	70	R	15	56	H	TL	171295
120	70	R	14	55	H	TL	817220

WIDTH		RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
160	60	R	15	67	H	TL	184338



## RETRO LIFESTYLE

### MICHELIN S83



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI	IN. TUBE
3.00	-	10	42	J		TL/TT	057199	10B
3.50	-	8	46	J		TT	057237	8B
100	90	10	56	J		TL/TT	104696	10B
3.50	-	10	59	J	REINF.	TL/TT	057203	10B

### MICHELIN S83



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI	IN. TUBE
2.75	-	9	35	J		TT	366314	



## MOTO...

### MICHELIN PILOT STREET 2

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
60	90	17	36	S	REINF.	TL	131903
70	80	17	35	S		TL	370310
110	70	17	54	S		TL	718236
120	60	17	55	S		TL	352983

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
80	90	16	48	S	REINF.	TL	770716
100	90	14	57	S	REINF.	TL	442721
130	70	17	62	S		TL	295442
140	70	17	66	S		TL	546194
150	60	B 17	66	S		TL	452800



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
80	90	14	46	S	REINF.	TL	079440
90	90	14	52	S	REINF.	TL	630872
120	70	12	58	S	REINF.	TL	336771
130	70	12	62	S	REINF.	TL	739341
90	90	10	50	P		TL	064890
90	90	12	54	S		TL	412245
100	90	10	61	P	REINF.	TL	342905
70	90	17	43	S	REINF.	TL	525543
80	90	17	50	S	REINF.	TL	993808
90	80	17	46	S		TL	638226
100	80	17	52	S		TL	503701

### MICHELIN PILOT STREET

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
90	90	17	49	P		TL	327126
100	80	17	52	S		TL/TT	510280

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
140	70	17	66	S		TL/TT	024137



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
80	80	14	43	P	REINF.	TL	320632
90	80	14	49	P	REINF.	TL	256067
100	80	14	48	P		TL/TT	020016
120	70	14	61	P	REINF.	TL	696105
80	80	17	46	P	REINF.	TL	701696
100	70	17	49	S		TL/TT	765043
120	70	17	58	S		TL	744651
2.50		17	43	P	REINF.	TT	517102

### MICHELIN CITY PRO

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
80	80	16	45	S	REINF.	TL/TT	305452
50	100	17	30	P	REINF.	TT	715270
60	90	17	36	S	REINF.	TT	901047
60	100	17	33	P		TT	718603
2.75		18	48	S	REINF.	TL	069763

WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
100	80	16	50	P		TL/TT	518358
80	90	16	48	P	REINF.	TT	067076
80	90	17	50	S	REINF.	TT	933934
100	80	18	59	P	REINF.	TL	034066
100	90	17	55	P		TL/TT	754985
3.00		17	50	P	REINF.	TT	460031



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD./ REINF.	TL/TT	CAI
70	90	14	40	P	REINF.	TT	376131
80	90	14	46	P	REINF.	TT	662942
90	80	16	51	S	REINF.	TL	044558
90	90	14	52	P	REINF.	TT	007393
110	80	14	59	S	REINF.	TT	637986
120	80	16	60	S		TL/TT	944215
3.50		16	58	P	REINF.	TL/TT	445718
70	90	17	43	S	REINF.	TT	835288
80	90	17	50	S	REINF.	TT	119984
90	90	18	57	P	REINF.	TL	827549
2.25		17	38	P	REINF.	TT	783846
2.50		17	43	P	REINF.	TT	005561
2.75		17	47	P	REINF.	TT	625290
3.00		18	52	S	REINF.	TT	589411

**... MOTO**
**MICHELIN CITY GRIP PRO**


WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
70	90	14	40	P	REINF TL	355760
80	80	14	43	P	REINF TL	838357
80	90	14	46	P	REINF TL	785166
90	80	14	49	P	REINF TL	579746
90	90	14	52	P	REINF TL	987483
110	80	14	59	P	REINF TL	364692



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
70	90	17	43	P	REINF TL	729670
80	80	17	46	P	REINF TL	919918
80	90	17	50	P	REINF TL	582411
90	80	17	53	P	REINF TL	894935
100	80	17	58	P	REINF TL	473300

**MICHELIN M35**


WIDTH	RATIO	DIAM.	INDICE DE CHARGE	SPEED INDEX	TL/TT	CAI
2.50	-	17	43	P	REINF TL	057015

**ON-OFF-ROAD**
**MICHELIN ANAKEE STREET**


WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
110	80	14	53	S		TL	306548
120	70	14	61	P	REINF.	TL	003956



WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
100	90	14	57	P	REINF.	TL	279163
130	70	13	57	S		TL	363927

**MICHELIN SIRAK STREET**


WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	STD. / REINF.	TL/TT	CAI
70	90	17	43	P	REINF.	TL	249970
80	80	17	46	P	REINF.	TL	558912

**MICHELIN REGGAE**


WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
120	90	10	57	J	TL	057104
130	90	10	61	J	TL	104647

**MICHELIN M45**


WIDTH	RATIO	DIAM.	LOAD INDEX	SPEED INDEX	TL/TT	CAI
2.25		17	38	S	TT	104458
2.50		17	43	S	TT	10314
2.75		17	47	S	TT	057019



# ***INNOVATION,***

***IS ONE OF THE ESSENTIAL VALUES  
OF THE COMPANY, AND IS AT THE HEART  
OF EVERYTHING WE DO.***

- 6 600 people worldwide
- Annual budget: €56 million
- Patent portfolio that has tripled in ten years

## ***MICHELIN'S INNOVATION PRIORITIES ARE TO:***

- bring new product lines to market more quickly for the MICHELIN and other Group brands;
- continuously improve performance so that each new range outperforms the previous generation;
- develop breakthrough innovations to develop totally new solutions to mobility challenges.

## ***INVESTMENT IN THE MICHELIN RESEARCH CENTRE IN LADOUX, FRANCE***

The inauguration of the new Urbalad building kicked off the project to upgrade the worldwide research center in Ladoux, France, which celebrated its 50<sup>th</sup> anniversary in 2015. By 2018, some €70 million will have been invested to boost the center's innovation potential.

## ***CONCENTRATED EXPERTISE***

- 3,400 staff
- More than 350 different specialised jobs.



## ***450 HECTARES SURFACE, AMONG WHICH***

- 380 hectares of test tracks
- Access areas and cultivated land
- 79 buildings comprising 174,420 m<sup>2</sup>
- 21 test tracks







# ***TECHNICAL DATA***

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## FUNCTIONS OF A TYRE

TALKING ABOUT THE FUNCTIONS OF A TYRE MEANS THAT WE MUST HAVE THE RIGHT DEFINITIONS:

**"A TYRE IS A COMBINATION OF A CASING, A WHEEL AND PRESSURISED AIR"**

### TO TRANSMIT

THE POWER OF THE ENGINE TO THE ROAD SURFACE

### TO DAMP

THE IRREGULARITIES IN THE ROAD SURFACE

### TO CARRY

THE LOAD OF THE WHOLE VEHICLE

### TO ROLL

ENSURING GOOD GRIP IN THE DRY AND IN THE WET

### TO RESPOND

TO THE BRAKING AND ACCELERATION DEMANDS

### TO STEER

BY REFLECTING THE MOVEMENTS OF THE STEERING SYSTEM

### TO LAST

OFFERING GOOD MILEAGE PERFORMANCE



# TYRE MARKINGS (HOW TO READ A TYRE SIDEWALL)



## 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
20	80	30	106	40	140	50	190	60	250	70	335	80	450
21	82,5	31	109	41	145	51	195	61	257	71	345	81	462
22	85	32	112	42	150	52	200	62	265	72	355	82	475
23	87,5	33	115	43	155	53	206	63	272	73	365	83	487
24	90	34	118	44	160	54	212	64	280	74	375	84	500
25	92,5	35	121	45	165	55	218	65	290	75	387	85	515
26	95	36	125	46	170	56	224	66	300	76	400	86	530
27	97,5	37	128	47	175	57	230	67	307	77	412	87	545
28	100	38	132	48	180	58	236	68	315	78	425	88	560
29	103	39	136	49	185	59	243	69	325	79	437	89	580
												90	600
												91	615
												92	630
												93	650
												94	670
												95	690
												96	710
												97	730
												98	750
												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	km/h	Index	km/h	Index	km/h	Index	km/h	Index	km/h	Index	km/h	Index	km/h
B	50	E	70	J	100	M	130	Q	160	T	190	V	240
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)	>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 ANAKEE WILD, IN SOME CASES THE SPEED INDEX IS LOWER ON THE ANAKEE WILD THAN THE SPEED CAPABILITY OF THE BIKE, AND THE OE TYRE FITMENT. THE RIDER MUST BE WARNED OF THIS.**

MICHELIN POWER CUP 2	MICHELIN POWER CUP EVO	MICHELIN POWER GP	MICHELIN POWER 5	MICHELIN PILOT POWER 3	MICHELIN PILOT POWER 2 CT	MICHELIN PILOT POWER	MICHELIN ROAD 5	MICHELIN ROAD 5 GT	MICHELIN PILOT ROAD 4	MICHELIN PILOT ROAD 4 GT	MICHELIN PILOT ROAD 3	MICHELIN PILOT ROAD 2	MICHELIN PILOT STREET RADIAL	MICHELIN SCORCHER 11	MICHELIN SCORCHER SPORT
110/70 ZR 17 (54W)	280				280		270				280				
110/80 ZR 18 (58W)											280				
120/60 ZR 17 (55W)					280		320		280						
120/65 ZR 17 (56W)					280										
120/70 ZR 17 (58W)	300	300	320	320	320	300	300	320	320	320	280	300	300	280	280
120/70 ZR 18 (59W)								320		280				280	
140/70 ZR 17 (66W)	270						270								
150/60 ZR 17 (66W)	270				280		270							280	
150/70 ZR 17 (69W)							320		280			280		280	
160/60 ZR 17 (69W)	280		310	320	280	280	320		280			280	280		
160/60 ZR 18 (70W)											280				
170/60 ZR 17 (72W)					280			280		280					
180/55 ZR 17 (73W)	300	300	310	310	320	300	300	320	280	300	280	300	280		280
180/60 ZR 17 (75W)											280				
190/50 ZR 17 (73W)			310	310	320	300	300	320	280	320	280	300			
190/55 ZR 17 (75W)	300	300	310	310	320	300	300	320	280	310	280				
200/55 ZR 17 (78W)	300	300		310											
240/45 ZR 17 (82W)					320										



# RADIAL AND BIAS STRUCTURE

## **THERE ARE HUGE DIFFERENCES IN THE WORLD OF MOTORBIKES AND SCOOTERS.**

Whatever the type, all these 2-wheelers can be fitted with Michelin tyres. To adapt its offering to this wide variety of requirements, Michelin has 2 types of tyre architecture: the bias, or cross-ply structure and the radial structure.

### *BIAS STRUCTURE*

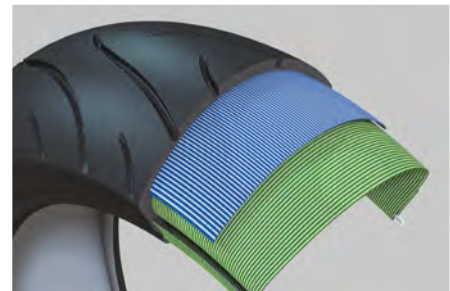
#### **THE CARCASS OF A BIAS TYRE CONSISTS OF 2 OR MORE DIAGONALLY ORIENTATED CARCASS PLYS.**

The overlap angle of these plies can be changed to give differing properties to the finished tyre. The structure is uniform and the tyre crown area has similar properties to the sidewalls, because of this, load bearing is very good.

### *RADIAL STRUCTURE*

#### **IN A RADIAL STRUCTURE THE CARCASS PLY IS PLACED RADIALLY.**

In a radial structure the carcass ply is placed radially, running from bead area to bead area at an angle of 90 degrees. The crown area can be reinforced with bracing plies. The structure is therefore not uniform, and the crown area and sidewall area can then be given different properties, allowing the crown area to be more flexible.



#### **TWO TYPES OF CONSTRUCTION GIVING DIFFERENT PERFORMANCES**

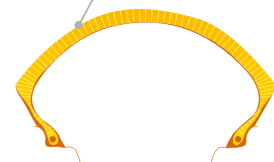
Due to the different properties of sidewall stiffness and crown flexibility the centre tread area of Radial tyres conform to the road surface very well. Their contact patch shape is a little shorter but much wider than that of a Bias tyre, providing added grip particularly when leaning heavily in corners. The pressure of the tyre in contact with the road surface is distributed more evenly with Radial tyres, which results in more even tread wear and longer life – or more grip depending on the tread compound choice. Radial tyres also provide greater comfort at higher speeds, able to effectively absorb the impact of imperfections on the road surface. Radial tyres are needed for more powerful vehicles with very rigid chassis and for more sporty use, as they allow ZR speed ratings of above 150 mph which isn't possible with a Bias construction.

On the other hand, Bias tyres are able to carry a greater weight because they have a more rigid, uniform construction. At very high speeds Bias tyres can deform, growing as speeds increase so ultimately Bias tyres are suitable for vehicles travelling at more moderate speeds, below 150 mph. Their rigidity suits small to medium-sized engines and flexible chassis, delivering confident, stable handling. Their load carrying capabilities mean they are also suited to heavy motorcycles or those that are heavily loaded. With a long narrow contact patch, grip is good in all conditions, notably on narrow tyres which the Bias construction work perfectly with.

## **THE ANTI STATIC STRIP**

### *A UNIQUE FEATURE NECESSARY IN A TYRE*

- A vehicle is charged with static electricity and must be able to discharge this electricity into the ground. Since the tyre is the only point of contact between the vehicle and the ground, there is a regulation in this respect governing the minimum level of conductivity of tyres.
- When carbon black is used as a reinforcement filler, tyres normally have an acceptable level of conductivity.
- When other reinforcement fillers are used, such as silica, the level of conductivity may decrease. It then becomes necessary to apply design features to restore conductivity to an acceptable level.



# DIMENSIONAL EQUIVALENCE

## 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

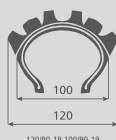
### DIMENSIONAL EQUIVALENCE:

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 5, 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 120/90-18 MICHELIN Enduro Medium therefore corresponds to a 100/100-18 MICHELIN StarCross 5 size.

ENDURO	CROSS
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



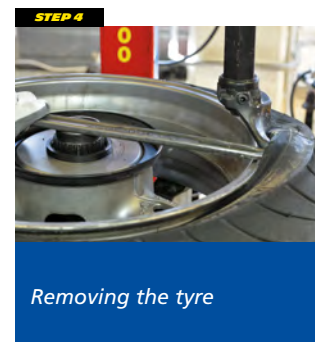
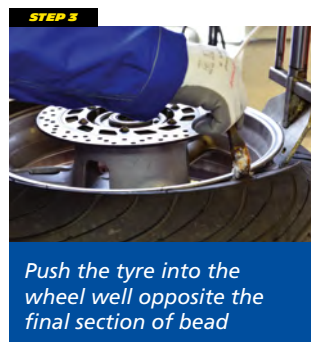
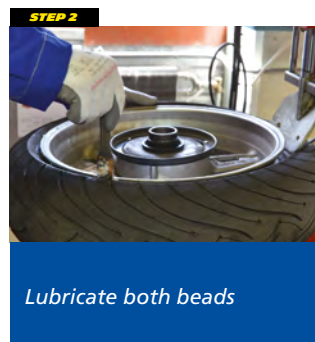
The width of Motocross tyres is measured at the level of the base of the tread blocks, while for Enduro tyres, it is measured by the overall dimension at the widest point which is the top of the tread blocks.



# FITTING A TYRE

In all cases, it is essential to refer to the technical instructions of the tyre manufacturer, vehicle manufacturer and wheel manufacturer, as well as the user manual for the tyre-fitting machinery or equipment

**IF THE RIM SHOWS EVIDENCE OF DAMAGE, THE TYRES MUST BE DEFLATED PRIOR TO REMOVAL OF THE WHOLE FITMENT**



## MOUNTING

For tubeless tyre

The rim must be clean and in good condition.

- Make sure it is appropriate to tubeless tyres.
- Valve replacement is recommended.
- Lubricate all the inner part.
- Observe the rolling direction indicated by an arrow on one side
- Perform bead to rim mounting using suitable levers and finishing at the location of the valve. Inflate without the valve core, and without interruption, until the the beads are well seated on the rim.
- Continue inflation up to 3.5 bar (51 psi) for a proper bead seating.
- Replace the valve core, inflate to the recommended pressure and fit the valve cap.

For a tube type tyre

The rim must be clean and in good condition

- For safety reasons, it is recommended to use a new inner tube
- Observe the rolling direction indicated by an arrow on one side
- Lubricate the beads on both sides
- Perform the mounting using suitable levers and finishing at the valve location.
- Slowly inflate to 3.5 bar (51 psi) while ensuring the proper centring of the tyre on the wheel.
- Completely deflate the tyre in order to eliminate air pockets or correct a possible wrong position of the tube.
- Inflate to the recommended pressure and fit the valve cap.

## REMOVAL

**UNSCREW THE VALVE AND ALLOW THE TYRE TO DEFLATE COMPLETELY**



**BREAK THE SEAL BETWEEN THE TYRE BEADS AND THE RIM AND LUBRICATE THE RIM AND BEADS.**

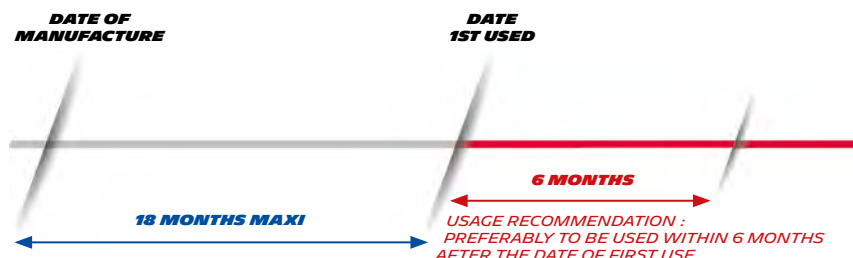
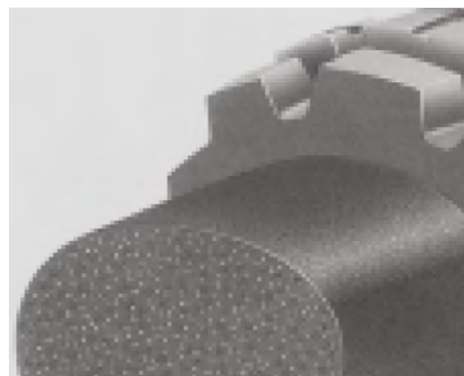


**REMOVE THE TYRE USING TWO TYRE LEVERS.**

# MICHELIN BIBMOUSSE FITMENT RECOMMENDATIONS

## THE MICHELIN RECOMMENDATIONS

- Bibmousses should not be stored regularly at temperatures over 30°C, and temperatures above 40°C should be avoided all together.
- MICHELIN Bibmousses are designed for off road competition use fitted to Michelin tyres. The fitting of Bibmousse in other tyre brands is not recommended.
- Not designed for use on the public highway (NHS). The maximum speed for a tyre with a Bibmousse fitted is 80 mph.
- The date of first use of the Bibmousse should be no later than 18 months from manufacture.
- The Bibmousse should be used within 6 months of first fitting.



## OPERATING MODE: DEMOUNTING A BIBMOUSSE

- Place the wheel on a fitting cradle or support.
- Unseat the first bead and lubricate abundantly.
- Put 3 levers in position, 10 cm apart. Remove the bead by inclining the 3 levers one after the other. Keep only one lever, straighten it then turn the tyre on the wheel to completely remove the bead.
- Finish removing the tyre by hooking the 2nd bead with a lever.
- Extract the Bibmousse insert from the tyre.

## OPERATING MODE: MOUNTING A BIBMOUSSE

The rim must be in good condition. Check the spokes to prevent abnormal friction between the Bibmousse and wheel.

- Position a rim tape inside the wheel or, failing this, a piece of adhesive tape covering the spoke nuts.
- Place the wheel on the fitting unit.
- Place the Bibmousse inside the tyre (Avoid getting the gel on the tyre beads => Risk of rotation on the rim).
- If necessary apply vertical pressure on the tyre to prise the beads apart.
- Position the Bibmousse inside the tyre.
- Lubricate the first tyre bead and the part of the Bibmousse that will be in contact with the rim (a Michelin liquid lubricant should be used).
- Make sure there is no valve on the rim.

- Put the first bead onto the rim. Start by positioning it in the rim well then use a fitting lever if necessary. Insert the Bibmousse as far as it will go into the rim well.
- Lubricate the 2nd tyre bead.
- First put the bead onto the rim using a fitting lever. Immobilize this lever and then use a 2nd lever around 30 cm from the first to continue inserting the bead. Immobilize this 2nd lever then use a 3rd one to continue positioning of the bead, Etc... until the bead is fully in position.
- To seat the beads of the tyre correctly against the rim flanges, it is recommended to inflate it to approximately 3.5 bars using a rubber TL valve. The valve is fixed on the inflation connector and simply positioned over the valve hole in the rim.



# PRESSURE

## USEFUL TIPS

- Check tyre pressure every 2 weeks and when cold (a tyre that has not run for at least 2 hours or has run for less than 3 km at a reduced speed).
- Adhere to the pressure recommended by the vehicle manufacturer regularly checking that this is proving suitable for your particular use of the bike.
- A tyre should never be deflated when hot.
- After checking the tyre pressures do not forget to replace the valve cap which in addition to the valve body, ensures an airtight seal.
- Inflation with nitrogen does not mean that frequent pressure checks are not to be made.



*IF A CHECK IS MADE AFTER USE, IT WILL BE MADE ON A HOT TYRE. SINCE PRESSURE INCREASES WITH THE TEMPERATURE, A TYRE SHOULD NEVER BE DEFLATED WHEN HOT.*

### **ADHERE TO THE PRESSURE RECOMMENDED BY THE VEHICLE MANUFACTURER, REGULARLY CHECKING THAT THIS IS PROVING SUITABLE FOR YOUR PARTICULAR USE OF THE BIKE**

Manufacturer tyre pressures are carefully arrived at and are safe and effective, however the possibility exists that on rare occasions they can prove to be less than perfect.

If the tyre starts to exhibit any signs of uneven or abnormal wear when using recommended tyre pressures then seek expert advice.

### **TYRE PRESSURE**

If a tyre is inflated when hot, the pressure must be adjusted in line with manufacturer recommendations. To be correct, you should be aware that the pressure may be around 0.3 bars higher than the recommended level when cold.

#### **EXAMPLE:**

- Hot tyre pressure reading = 2.6 bar
- Recommended cold pressure = 2.5 bar
- What we should read = 2.8 bar
- Add 0.2 bar

### **INFLATION WITH NITROGEN**

Does not mean that frequent pressure checks are not to be made. After checking the tyre pressures do not forget to replace the valve cap which in addition to the valve body, ensures an airtight seal.

### **VALVE CAP**

A valve cap is essential to ensure a correct airtight seal. In fact, at high speed, the valve body can be pushed in by simple centrifugal force. This leads to a loss of pressure and the risk is eliminated simply by fitting a valve cap.

An extended driving at a lower pressure than recommended may result in a tyre failure and loss of control of the vehicle.



**THESE RECOMMENDATIONS APPLY TO TYRES FOR USE ON THE ROAD. ON A TRACK AND FOR RACING IN GENERAL THERE ARE SPECIAL RECOMMENDATIONS FOR THIS TYPE OF USE.**

# CORRECT TRACK PRESSURE

## CORRECT PRESSURE ENABLES OPTIMUM PERFORMANCE LEVELS TO BE ACHIEVED.

Contact Michelin Technical at [2wheelinfo@micelin.com](mailto:2wheelinfo@micelin.com) for further advice.

The pressure should be set at ambient temperature and depends on the tyres you have chosen to mount on your motorcycle :

	MINIMUM COLD TYRE PRESSURE WITH TYRE AND WHEEL RIM AT AMBIENT TEMPERATURE		MINIMAL RECOMMENDED HOT PRESSURE	
	Front	Rear	Front	Rear
MICHELIN Power Slick 2	2.1 bar / 30.5 psi	1.5 bar / 22 psi	2.4 bar / 34.8 psi	1.7 bar / 24.6 psi
MICHELIN Power Cup 2	2.1 bar / 30.5 psi	1.5 bar / 22 psi	2.4 bar / 34.8 psi	1.7 bar / 24.6 psi
MICHELIN Power Cup Evo	2.1 bar / 30.5 psi	1.5 bar / 22 psi	2.4 bar / 34.8 psi	1.7 bar / 24.6 psi
MICHELIN Power Rain	2.3 bar / 33.4 psi	1.8 bar / 26 psi		
MICHELIN Power SuperMoto	1.8 bar / 26 psi	1.6 bar / 23 psi		
MICHELIN Power SuperMoto Rain	2 bar / 29 psi	1.8 bar / 26 psi		
MICHELIN Power GP	2.1 bar / 30.5 psi	1.9 bar / 27.4 psi		

For riders competing with the MICHELIN Power Performance range, Michelin's technical teams can provide expert advice on adjusting tyre pressure depending on:

- Air/track temperature
- Track abrasiveness
- The rider's level of skill

	COLD TYRE PRESSURE WITH TYRE AND WHEEL RIM AT AMBIENT TEMPERATURE		PRESSURE WHEN HOT UNDER TYRE WARMERS (MICHELIN RECOMMENDS ADJUSTING THE TEMPERATURE OF TYRE WARMERS TO 90°C FOR AT LEAST 1 HOUR. PRESSURE LEVELS ARE PROVIDED FOR INFORMATION ONLY AND DEPEND ON THE EQUIPMENT AND ITS CORRECT FUNCTIONING)		TARGET PRESSURE WHEN HOT (AFTER 6 FAST LAPS)	
	Front	Rear	Front	Rear	Front	Rear
MICHELIN Power Performance	2.1 bar 30.4 psi	1.3 bar 18.8 psi	2.4 to 2.6 bar 34.8 to 38 psi	1.6 to 1.8 bar 23 to 26 psi	2.4 to 2.6 bar 34.8 to 38 psi	1.6 to 1.8 bar 23 to 26 psi

### USE OF TYRE WARMERS

- MICHELIN Power Slick2, MICHELIN Power Cup2 and MICHELIN Power Cup Evo is designed to have a short warm-up time: use of tyre warmers is not mandatory.
- When using tyre warmers, the pressure set at ambient temperature before the first ride should be the same as without tyre warmers.
- Using tyre warmers makes it possible to reach operating pressure more rapidly. In no cases does the use of tyre warmers make it possible to start with a lower pressure. The main aim of using tyre warmers is to reach the optimum operating pressure faster to save on warm-up time at the beginning of the ride.
- Tyre warmers should be used with temperatures of between 70°C (cold surface) and 90°C (hot surface) for at least 1 hour before the first ride.
- In cold conditions, tyre warmers should not be set to too high a temperature. The colder it is, the lower the temperature of the tyre warmer should be in order to avoid the situation of tyres cooling down while riding. Tyres that cool down while riding can skew the rider's perception of actual performance levels.
- If tyre warmers are used with the MICHELIN Power Rain, they should be adjusted to temperatures of between 30°C (cold surface) and 50°C (hot surface).
- These pressure recommendations are given for track use. For road use, the manufacturer's tyre pressure recommendation applies. With track tyres approved for the road, or road tyres for occasional track use, it is essential to ensure that tyre pressure is returned to the correct level for road use following use on the track.



## **WARM-UP**

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*TO GIVE THE BEST PERFORMANCE AND OPTIMAL GRIP TYRES NEED TO BE AT THE CORRECT OPERATING TEMPERATURE*

Warming up time refers to the time needed for the tyre to reach the optimum operating temperature appropriate to the tyre type.

### **USEFUL TIPS**

Advise your customers to start all journeys at a moderate speed in order to give their tyres sufficient time to reach their optimum working temperature and therefore deliver better grip.

## **CHECK**

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Riding on under inflated tyres can cause premature wear, irreversible damage to the tyre and possibly sudden loss of air which can have catastrophic consequences.

### **USEFUL TIPS**

When making visual checks pay particular attention to the tread area and the sidewalls. Look for unusual, excessive or uneven tread wear, foreign objects, bulges or deformation, signs of penetration, cracking of the rubber or any deterioration or damage.

## **TYRES TESTED ON DYNAMOMETERS**

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Motorcycle or scooters tyres that have been used for performance tests on dynamometers should not be used for normal outdoor riding afterwards. Specific test tyres or worn, smooth tyres should be used for dynamometer tests.

# HANDLING DIFFICULTIES

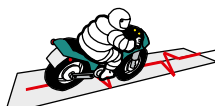
## HANDLING DIFFICULTIES DEFINED

It is not always easy to determine the causes and origins of various handling problems. Handling problems may come from tyres (type of tyre, incorrect pressure) and/or a change to the vehicle (accessory, load, etc.). Tyres are not always the cause.



### WEAVING

It is a wavering movement, of variable extent occurring on straight lines or bends, usually starting at an average speed of around 140 kph (90 mph).



### KICKBACK

It is a sharp sideways movement at the front (fork moves back and forth), it is intermittent and very fast, occurring particularly whilst accelerating. It is triggered by an external source such as a bump or join in the tar.



### A SHIMMY

It is a sideways, continuous oscillation of the fork at low speed (<100 kph / 60 mph) usually whilst slowing down.



### VIBRATION

It appears at the level of the fork / wheel assembly usually at speeds of around 90 to 130 kph (55 to 80 mph).

## WHEN THE TYRES ARE PARTLY RESPONSIBLE FOR HANDLING PROBLEMS

	WEAVING	KICKBACK	SHIMMY	VIBRATION
<b>LEVEL OF WEAR</b>	Big effect	Some effect	Some effect	Some effect
<b>INFLATION PRESSURE</b>	Big effect	Some effect	Some effect	No effect
<b>DIMENSIONS OTHER THAN ORIGINAL SIZES</b>	Big effect	Some effect	Some effect	No effect
<b>STRUCTURE: BIAS/RADIAL</b>	Big effect	Some effect	Some effect	No effect
<b>CENTERING OF TYRE ON RIM</b>	Big effect	No effect	Some effect	Some effect
<b>BALANCE OF WHEEL AND TYRE ASSEMBLY</b>	Big effect	No effect	Some effect	Big effect

## BUT THE TYRES ARE NOT ALWAYS THE CAUSE...

### LOAD DISTRIBUTION HAS A SIGNIFICANT IMPACT ON OCCURRENCE OF VEHICLE HANDLING DIFFICULTY.

The presence of added or modified accessories:  
Topbox, bags, streamlining, windshield, handles, seat, non-original wheels, etc...

### THE GENERAL CONDITION OF THE MOTORCYCLE :

- Uniformity of spoked wheels, damaged wheels.
- Bearing wear.
- Fork: Alignment, seals, oil, etc...
- Steering column.
- Swingarm.
- Shock absorber.
- Damaged frame, engine mounting



# ***THREATS TO THE TYRE***

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## ***THE THREE MAIN THREATS TO THE TYRE ARE PHYSICAL, ENVIRONMENTAL AND HUMAN.***

They are usually related to the inflation pressure, damage, the level of wear of the tread, weather conditions, maintenance, load conditions and speed, ... etc..

With so many parameters involved, it is impossible to accurately predict the lifespan of a tyre.

### ***PHYSICAL***

- Age
- Poor conditions of storage
- Wear and damage (punctures, cuts, impacts, cracking/ crazing of the tread/sidewall rubber, lumps and bulges, etc).

### ***ENVIRONMENTAL HAZARDS***

- Extreme temperature.
- Moisture
- Ozone
- Solvents, Hydrocarbons
- Fuel
- Chemicals

### ***HUMAN***

- Does not perform routine tyre checks for wear or damage.
- Does not maintain proper tyre pressure (under inflation or over inflation).
- Re-inflates a tyre that has run flat or seriously under-inflated.
- Does not change a tyre before it reaches the legal wear limit.
- Neglecting a change in behaviour of the bike, loss of pressure, vibration, noise, ....
- Does not inspect a tyre after a severe impact.
- Has an aggressive riding style.
- Uses tyres of different sizes or types.
- Does not replace the valve when replacing a tubeless tyre.
- Repairs a tyre themselves rather than go to a tyre specialist
- Temporary repairs that become a permanent solution.
- Mount a tyre on a wheel that is damaged or distorted.
- Does not store tyres correctly.

# RUBBER BREAKDOWN IN THE COLD

## THE FUNDAMENTALS

All rubber compounds used in tyres have performance windows that fall within a range of temperatures.

- There is a low temperature threshold from which the rubber loses elasticity and becomes brittle. This can be as low as -55°C for some rubber compounds. This is called the breaking point.
- There is also a high temperature threshold from which the rubber becomes pasty/viscous. This is generally above 200°C. It is called the reversion point.

THE VAST MAJORITY OF OUR TYRES OPERATE WITHIN THESE THERMAL LIMITS WITHOUT IMPEDIMENT.

## SUPERSPORT AND COMPETITION TYRES

In competition and hypersport tyres, the very high temperatures encountered (related to the very high levels of grip) require a specific blend of tyre compounds to withstand them.

One consequence of this is that these soft compound tyres have a break point of as high as 10°C.

Handling these tyres at this temperature or lower may result in the tread or other area of rubber on the tyre literally breaking. Care must therefore be taken to store the tyres in appropriate conditions which avoid these temperatures.

If this occurs, the tyres should not be handled at all.



*Warning : Rubber breakdown in the cold can appear inside the tyre only and so remain invisible. It can manifest itself as one small crack or many larger cracks all around the tyre.*

MICHELIN  
POWER Cup

MICHELIN  
POWER Slick



MICHELIN  
POWER Cup  
PERFORMANCE

MICHELIN  
POWER Slick  
PERFORMANCE



### RECOMMENDATIONS

Never handle the tyre at a temperature below 15°C in order to prevent damage to the tyre.

### RECOMMENDATIONS

Before fitting and unfitting, the tyre should have been stored for at least 24h at a temperature greater than 15°C.

MICHELIN  
POWER Slick<sup>2</sup>

MICHELIN  
POWER Cup<sup>2</sup>

MICHELIN  
POWER Cup<sup>Evo</sup>



### RECOMMENDATIONS

Never handle the tyre at a temperature below 5°C in order to prevent damage to the tyre.

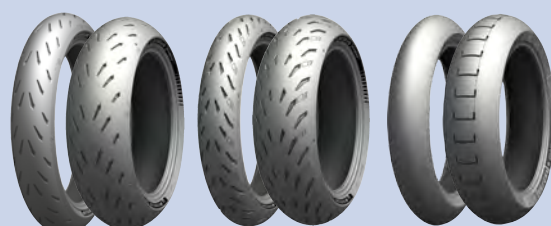
### RECOMMENDATIONS

Before fitting and unfitting, the tyre should have been stored for at least 24h at a temperature greater than 10°C.

MICHELIN  
POWER GP

MICHELIN  
POWER 5

MICHELIN  
POWER SuperMoto



### RECOMMENDATIONS

Never handle the tyre at a temperature below -10°C in order to prevent damage to the tyre.



# DAMAGE

**CROWN**



**DESCRIPTION**  
Crown damage with or without puncture and/or tears and splits. Localised breaking.

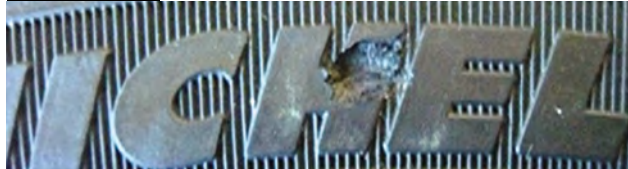
**ORIGIN**  
External aggression either by running over sharp/blunt objects or by rubbing against a foreign body.

**DEVELOPMENT**  
Damage to a tyre by running underinflated, breakage of plies, product delamination.

**CHECKING / ADVICE**

- Check conditions of use.
- Check pressure used
- Replace the product(s) concerned if the damage is extensive and has reached plies or the carcass.

**SIDEWALL**



**DESCRIPTION**  
Damage to sidewalls with or without puncture instead of perforation and/or tears.

**ORIGIN**  
External aggression either by running over sharp/blunt objects or by rubbing against a foreign body.


**DEVELOPMENT**  
Rubber and/or plies broken on the sidewall, running underinflated.

**CHECKING / ADVICE**

- Check the conditions of use:
- Check pressure used:
- Replace the product(s) concerned if the damage is extensive and has reached plies or the carcass.

# IMPACT

**CROWN**



**DESCRIPTION**  
Impact with plies broken on the crown. Evidence of impact are generally found on the tread.


**ORIGIN**  
External aggression by running over sharp/blunt objects.

**DEVELOPMENT**  
Rubber and/or plies broken on the sidewall, running underinflated.

**CHECKING / ADVICE**

- Check conditions of use
- Replace the tyre
- Examine the other tyres on the vehicle

**SIDEWALL**



**DESCRIPTION**  
Cuts extended to the carcass, visible plies with or without broken cords. Pinching impact. Immediate break without pinching.

**ORIGIN**  
Impact or pinching of the sidewalls after running over a pothole or mounting a kerb for example.


**DEVELOPMENT**  
Rubber and/or plies broken on the sidewall, running underinflated.

**CHECKING / ADVICE**

- Check conditions of use:
- Replace the product(s) concerned if the carcasses are damaged.

# CRACKS

**CROWN**



**DESCRIPTION**  
Cracks in the tread. Cracks at the base or edge of the shoulder tread pattern.

**ORIGIN**  
Product ageing. Exposure to ozone or UV, use of an aggressive cleaning product, risk of developing into splits.

**DEVELOPMENT**  
Splits.

**CHECKING / ADVICE**

- Check the conditions of use, parking / storage and servicing of the vehicle
- Replace the product(s) concerned if the splits are deep and reach the plies or carcass.

**SIDEWALL**

**DESCRIPTION**  
Cracks in sidewall rubber.

**ORIGIN**  
Excessive overheating due to the carcass working too hard (used when underinflated). Exposure to ozone, prolonged exposure to light. Wax, varnish, washing products, etc.

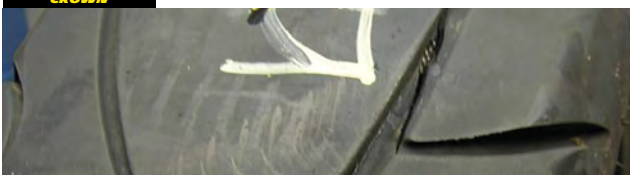
**DEVELOPMENT**  
Check conditions of use.

**CHECKING / ADVICE**  
Check conditions of use:

- Type of driving, speed load, pressure
- Check the tyre storage or servicing conditions
- Check pressure used.

# SPLITS / CROWN

**CROWN**



**DESCRIPTION**  
Splits in the rubber on the crown, edge or base of tread, with or without radial or circumference tears.

**ORIGIN**  
Conditions of use.

**DEVELOPMENT**  
Risk of contamination with damage to crown or sidewall.

**CHECKING / ADVICE**

- Check conditions of use:
- Replace the product(s) concerned if the damage is extensive and has reached plies or the carcass.

**SIDEWALL**

**DESCRIPTION**  
Localised or widespread cracks in the rubber - radial, oblique or on the circumference - of varying sizes that may reach the plies. These breaks may be on all sidewall areas of the tyre.

**ORIGIN**  
Visible damage in the flexed area.

**CHECKING/ADVICE**  
Types of surface of use:

- Roads, paths, accesses
- Speed load, pressure
- Inspect the other tyres on the vehicle
- Adapt pressure to use
- Replace the product(s) concerned if the splits are deep or have reached the plies or carcass.



# MARBLE



NO MARBLE ON THE TYRE BEFORE REPAIR IS MANDATORY.

## DESCRIPTION

The marble is a pleating of the inner liner. In the marbled areas, the rubber is blackened on a width which can have different sizes.

## ORIGINS

Puncture, pressure loss, under pressure riding, excessive load Evolutions.

## EVOLUTIONS

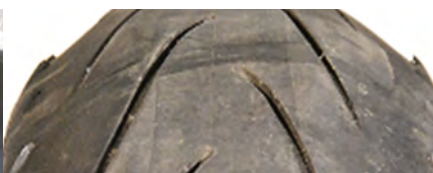
Run-flat riding, tyre dislocation.

## CONTROL & ADVICE

Damage can not be seen from the outside of the tyre, in the case of puncture the tyre must be demounted to be checked internally. A tyre with marbling evident is no longer fit for continued use and should be scrapped.

# TYRE DAMAGE/WEAR

## TYPE OF WEAR



## DESCRIPTION

Uneven wear.

Type of wear on crown: sawtooth wear in the rolling direction, max-min wear, evidence of wear on the shoulder, rail-type wear.

## DEVELOPMENT

If wear is too pronounced, risk of damage to the crown plies.

## CHECKING / ADVICE

- Go over the history of the tyre (mileage, dates changed, load, front/rear fitment, etc.)
- Check conditions of use.
- Check if the size is suitable and the one recommended by the manufacturer.
- Check inflation pressure.
- Check the mechanical condition of suspension, steering and wheel bearing elements.
- Correct all mechanical anomalies on the vehicle
- Do not exceed the recommended load.

# TYRE REPAIR ADVICE

- > A CLEAN WORK SURFACE
- > GOOD QUALITY PRODUCTS
- > THE RIGHT TOOLS
- > PROFESSIONALS TRAINED TO DO THE REPAIR

**A PROCESS AS COMMONPLACE AS REPAIRING A PUNCTURE CAN AFFECT THE SAFETY OF THE VEHICLE IF THE FOLLOWING FACTORS ARE NOT RESPECTED WHICH ENSURE THE QUALITY OF THE REPAIR**



## VERIFICATION AND DIAGNOSIS OF TYRES TO BE REPAIRED

Before making a repair, the tyre systematically undergoes a careful inspection by a professional. A tyre that has been running flat or insufficiently inflated may have suffered irreversible damage and only an exhaustive verification of the inside of the tyre can diagnose whether or not the tyre can be reused. It is therefore essential to remove the tyre to properly ascertain its actual condition and the type of repair to be made. Tyres showing signs of the following cannot be repaired and MUST be taken off the road:

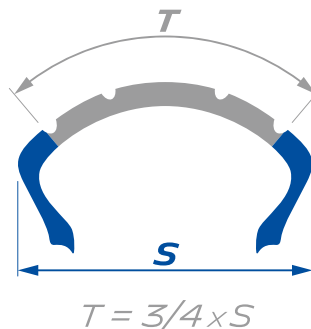
- Exposed or deformed bead wire
- Heating or separation of internal plies
- Damage by oil, grease or corrosive materials
- Plucking or mottling of the interior rubber
- Cracking of the rubber due to ageing of the tyre

## PRP TYRE REPAIR PART

- To repair tyres, Michelin recommend to use PRP (Plug Repair Patch) repair patches (mushroom shaped plugs).

## REPAIR LIMITS

- The repair is only allowed in a authorized area (T) which represented 3/4 width of the tyre. Numbers and maximal diameter of the repairs are indicated in the chart below.



TYRE SPEED RATING	MAXIMAL REPAIR DIAMETER	MAXIMAL REPAIR NUMBER
<V	6 mm	2
≥V	3 mm	2



# ***RULES TO FOLLOW***

---

## ***ALL MOTORCYCLES ARE BUILT USING COMPONENTS PERFECTLY SUITED TO THE BIKE MANUFACTURER'S REQUIREMENTS.***

It is important to follow the recommendations of the manufacturer and tyre maker as each motorcycle has its own particular requirements.

***TO AVOID CREATING UNWANTED ANOMALIES, YOU SHOULD ADHERE TO A NUMBER OF BASIC PRINCIPLES :***

- The front and rear tyre measurements specified by the bike manufacturer.
- The performance ratings (load and speed), which should be equal to or higher than the manufacturer's recommendations\*.
- The same construction (Radial or Bias), noting that if mixed the Radial should always be on the rear.
- The recommended tyre pressures (which may differ for track use – check with the tyre manufacturer).

It is also worth bearing in mind certain common-sense considerations :

Choose tyres designed for the same purpose (circuits, sports, touring...)

Avoid mixing different brands as each manufacturer develops its tyres to work together as a matched pair, front and rear. The profile, feel and construction differ from one tyre maker to the next, and a mixed set can give unwanted handling anomalies.

\* Exceptions are acceptable such as fitment of Michelin Anakee Wild tyres which offer large Adventure Bikes that are predominantly used on the road the ability to perform well in difficult off road conditions, while still being a high performance fully road legal and road suitable tyre. However, these tyres feature a lower speed index than the OE tyres, which can also be lower than the top speed potential of the bike. It is the riders responsibility to stay within the limitations of the tyre top speed and not be governed by the vehicles top speed.

# ***CHECKING TYRE FOR WEAR***

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***IF THE LEGAL OR TECHNICAL WEAR LIMIT HAS BEEN REACHED AT ONE POINT ON THE TREAD, THE TYRE MUST BE REPLACED.***

# ***DURATION OF USE***

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***TYRES ARE MADE OF MATERIALS AND COMPONENTS MANY OF WHICH ARE BASED ON RUBBER. RUBBER PROPERTIES ARE ESSENTIAL TO ITS CORRECT FUNCTIONING.***

These properties change over time and depend on many factors which the tyre is subjected to throughout its life: climate, storage conditions, conditions of use load, speed, pressure, ....

## **USEFUL TIPS**

Factors which influence ageing are so varied that it is impossible to accurately predict the life of a tyre. it is therefore recommended to: Have your motorcycle/ scooter tyres inspected frequently by a qualified professional in addition to your own regular checks.

After 5 years of use, have tyres inspected annually

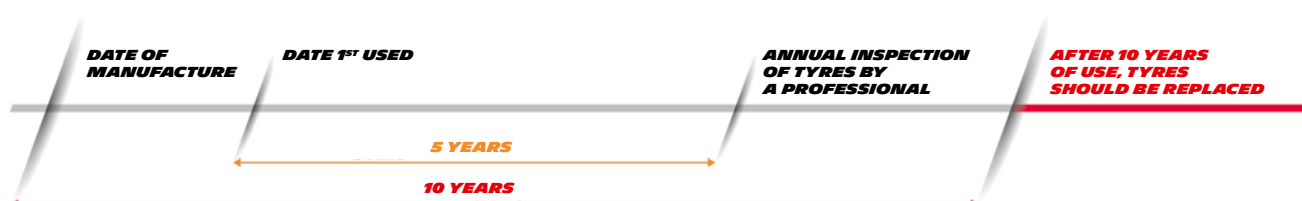
After 10 years of use, replace tyres with new ones as a precautionary measure, even if their condition appears satisfactory and even if they have not reached the legal wear limit. This precaution should also be applied to inner tubes and to rubber-based accessories (e.g. rim tape), with the exception of accessories where another age recommendation is specified by the manufacturer (e.g. Bibmousse).

# TYRE AGE AND PERFORMANCE

## EXCESSIVE AGEING OF A TYRE MAY AFFECT ITS PERFORMANCE AND EVEN ITS SERVICE SUITABILITY.

A correlation should not be made between the age of a tyre and its ageing. The ageing of a tyre depends solely on the conditions in which it has been stored and the way it has been used. For example, a new tyre, parked or stored next to a transformer can incur irreversible damage to the sidewalls (cracking) within a few days: this will affect its performance and its ability to maintain pressure.

## MICHELIN PROMISES THE INTEGRITY OF THE PERFORMANCE OF TYRES DELIVERED TO ITS CUSTOMERS.



## STORAGE ADVICE

### DRY CONDITIONS

Store tyres in a cool, dry room with natural ventilation to avoid condensation. If outside, cover them with an opaque, waterproof tarpaulin.

### LIGHT

Protect tyres from UV rays (sunlight and artificial light).

### TEMPERATURE

It must be below 35°C. Avoid direct contact with pipes, radiators and other direct sources of heat and cold.

### ELECTRICAL EQUIPMENT, SOLVENTS, HYDROCARBONS, FLAMMABLE SUBSTANCES, CHEMICALS

Never store tyres in a room where this equipment or these products are present.

### STOCK ROTATION

First in, first out storage of tyres should be organised.

### SHORT-TERM STORAGE (<4 WEEKS)

Stack tyres on pallets, preferably lying flat. Stacks should not exceed 1.2m (4 feet) in height. Bead separators may be required to prevent tyre beads closing up. After 4 weeks, the stacks should be reformed with tyres piled up in reverse order. When fitted onto wheels, tyres should be inflated when stored and kept in a vertical position or in only one layer on shelves.

### LONG-TERM STORAGE:

Store tyres vertically on shelves at least 10cm (4 inches) from the floor. To prevent deformation, rotate slightly once a month.

## TEMPERATURE, LIGHT AND CERTAIN CHEMICALS OR ELECTRICAL EQUIPMENT ARE KNOWN FACTORS AFFECTING AGEING: IT IS THERE FOR ESSENTIAL THAT PRODUCTS ARE STORED CORRECTLY.





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