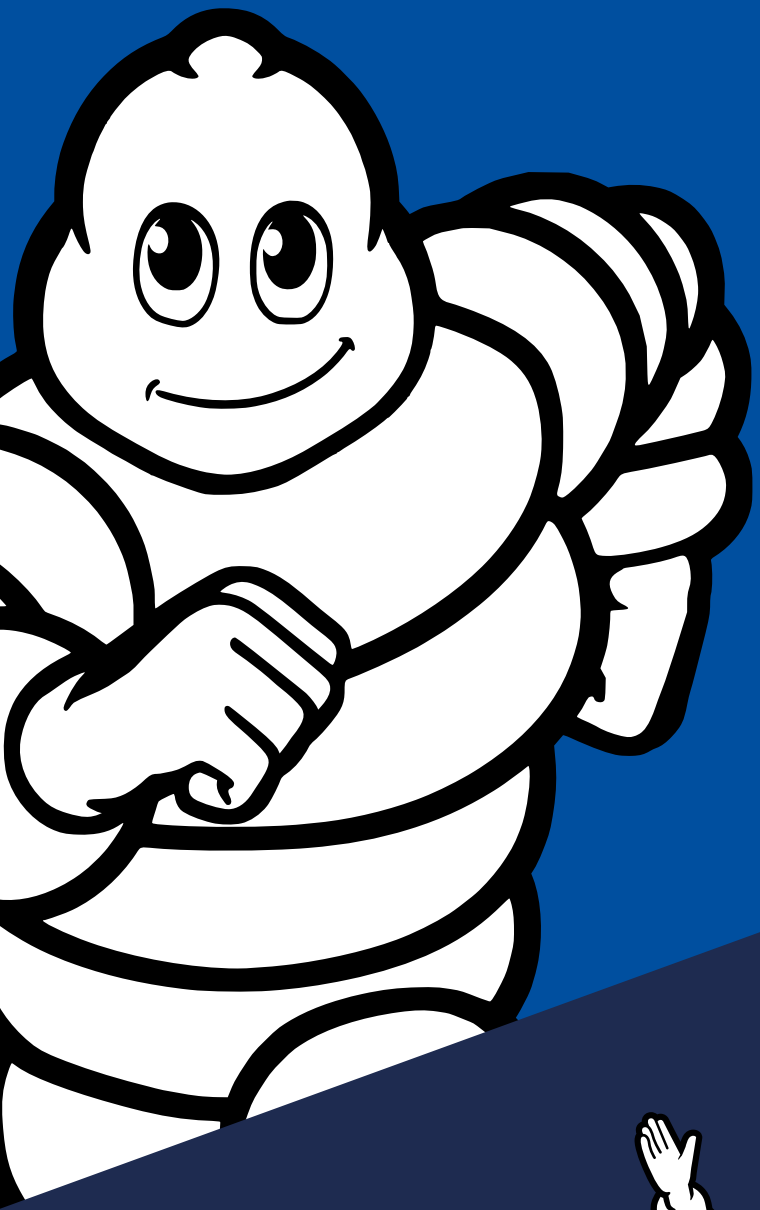
DISTRIBUTOR: WWW.PNEU-SPORT.CZ

MOTO
CIRCUIT COMPETITION



2020

MICHELIN

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

CONTENTS

USEFUL INFORMATION

READING A TYRE 6
ADVICE FROM THE MICHELIN TECHNICIAN 7

CIRCUIT

MICHELIN POWER PERFORMANCE **SLICK** 10-11
MICHELIN POWER PERFORMANCE **CUP** 10-11
MICHELIN POWER **SLICK²** 12
MICHELIN POWER **CUP²** 13
MICHELIN POWER **CUP EVO** 14
MICHELIN POWER **RAIN** 15

SUPERMOTARD

MICHELIN **POWER SUPERMOTO** 16
MICHELIN **POWER SUPERMOTO RAIN** 16

TECHNICAL SPECIFICATIONS

18

TECHNOLOGIES

20

EQUIVALENCES

BAR/PSI 23
CELSIUS/FAHRENHEIT 23

RECOGNIZING DAMAGE

RUBBER BREAKAGES DUE TO COLD 25
GRAINING 26
CROWN INJURIES 26
SIDEWALL INJURIES 26
CROWN SHOCKS 26
SIDEWALL SHOCKS 27
CROWN CRACKS 27
SIDEWALL CRACKS 27
CROWN BREAKS 27
SIDEWALL BREAKS 28
WHAT TO DO **IN CASE OF DAMAGE ?** 29

USER GUIDE

31

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

5 REASONS TO CHOOSE THE MICHELIN BRAND

1. **A WORLDWIDE BRAND**
2. **A BRAND APPROVED BY MAIN OEMS**
3. **A BRAND WHICH DEVELOPED SOME OF THE MAJOR INNOVATIONS FOR THE BIKE INDUSTRY**
4. **WINNING PRODUCTS IN RACING**
5. **PRODUCTS RECOMMENDED BY CONSUMERS**

MICHELIN / motoGP
OFFICIAL MotoGP™ CLASS TYRE

Whatever the conditions, the world's best riders know they can count on the performance, grip and consistency delivered by the tyres engineered by Michelin, offi cial supplier to the MotoGP™ World Championship. Michelin's technologies, innovations and ceaseless development work target enhanced performance, on racetracks and ordinary roads alike. You, too, can enjoy the same incomparable impressions as motorcycle racing's elite thanks to the **MICHELIN Power Performance, MICHELIN Power Slick2, MICHELIN Power Cup2, MICHELIN Power GP** and **MICHELIN Power 5**, designed respectively for track and road use.

Like the MotoGP™ stars, benefi t from winning performance… to the line!

www.michelinmotorsport.com

MICHELIN

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

READING A TYRE

EX. : 120/70 R 17

120 : Tread width (in mm)
70 : Ratio between the tyre height and its width (as a %)
17 : Rim diameter (in inches)
R : Radial casing tyre
TL : Tubeless tyre (without inner tube)

ADVICE FROM THE MICHELIN TECHNICIAN

1. **Check the condition of your rims** before fitting the tyre.
2. **Check the wear level on your tyres** (using the indicator on the tread) if the motorcycle is fitted with previously-used tyres.
3. **Adjust the cold pressure** once the tyre is fitted and balanced. Comply scrupulously with the pressures we recommend or that your Michelin Technician has given you.
4. **Set your tyre warmers to 90 degrees and place them on your tyres for at least 1 hour.** Check that these are plugged in correctly and in good operating condition, and do so regularly throughout the warming period.

   Advice from the Michelin Man: *place your warmer's fixing strap level with the valve; this will make it easier to check your pressure because you'll know where your valve is positioned.*
5. **Adjust your tyre pressures when hot.** (minimum 80°C) before going out onto the track (record them).
6. **Install valve caps** in order to guarantee your tyres are leaktight. Never ride without the valve caps on.

Once all these steps have been followed, you can hit the track!!

7. **On returning to the pits, read and record your tyre pressures** in order to know whether you have the correct pressure recommended by your manufacturer. Adjust the pressures if necessary, in accordance with the values found.
8. **Replace the warmers** on your tyres fairly quickly so as not to allow them to cool off suddenly and so that you can reuse them under the best conditions.

   Advice from the Michelin Man: *to reduce the tyre warming cycles, it is recommended the tyres be kept under warmers throughout the day*

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

MICHELIN POWER PERFORMANCE

DELIVERING RACING WINNING PACE LAP AFTER LAP!

The **MICHELIN Power Performance** tyre is aimed at both amateur and experienced competitive riders.

Benefiting from the latest MotoGP™ Technologies.

OFFICIAL MotoGP™ CLASS TYRE

www.michelinmotorsport.com

MICHELIN

FIND THE RIGHT TYRE

TO CHASE THE BEST TIME AT THE TRACK WITH THE MICHELIN RACING RANGE

	ROAD TYPE			WEATHER
	COMPETITION	TRACK DAY	ROAD	
MICHELIN **POWER PERFORMANCE SLICK**	MOTO 1000cc			☀
MICHELIN **POWER PERFORMANCE CUP**	MOTO 600cc			☀
MICHELIN **POWER SLICK 2** NEW				☀
MICHELIN **POWER CUP 2** NEW			ROAD LEGAL	☀
MICHELIN **POWER CUP EVO**	MOTO 300cc		ROAD LEGAL	☀
MICHELIN **POWER RAIN**				🌧
MICHELIN **POWER SUPERMOTO**				☀ 🌧

MICHELIN POWER PERFORMANCE SLICK

SLICK VERSION

OPTIMIZED FOR 1000CC BIKES

AVAILABLE IN ENDURANCE AND SPRINT VERSION

NEW

- Better warm-up
- Ease of control with any type of bike
- Better feedback
- Consistent performance
- Better lap times

BENEFIT FROM THE LATEST TECHNOLOGIES DEVELOPED IN MOTOGP™ !

MICHELIN POWER PERFORMANCE CUP

GROOVED VERSION

OPTIMIZED FOR 600CC BIKES

Tyre warmers must be used

Tyres not approved for road use

	FRONT	REAR
Minimum cold pressure on track [1]	2,1 BAR (30.5 PSI)	1,3 BAR (18.9 PSI)
Hot pressure under tyre warmers [2]	2,4 to 2,6 BAR (34.8 to 38 PSI)	1,6 to 1,8 BAR (23 to 26 PSI)
Target hot pressure (after 6 laps)	2,4 to 2,6 BAR (34.8 to 38 PSI)	1,6 to 1,8 BAR (23 to 26 PSI)

(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.

Storage and transportation restrictions

The Power Performance Cup and Power Performance Slick tyres can suffer from cold breaks if stored, transported or handled below 15° C.

WHAT TYRE SHOULD I CHOOSE?

POWER PERFORMANCE SLICK

FRONT

CAI	Size	Compound
450713	120/70 ZR 17 TL	SOFT
890610	120/70 ZR 17 TL	MEDIUM
N 845413	120/70 ZR 17 TL	HARD

REAR

CAI	Size	Compound
373531	200/55 R 17 TL	SOFT
426881	200/55 R 17 TL	MEDIUM/SOFT
623973	200/55 R 17 TL	MEDIUM
206560	200/55 R 17 TL	MEDIUM/HARD
N 493298	200/55 R 17 TL	EDITION P PHILLIP ISLAND
967394	200/55 R 17 TL	24
N 732252	200/60 R 17 TL	SOFT 24
N 630410	200/60 R 17 TL	HARD 24

POWER PERFORMANCE CUP

FRONT

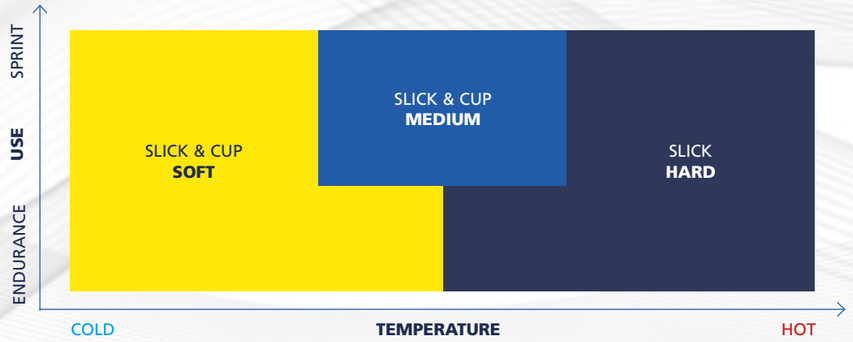
CAI	Size	Compound
776782	120/70 ZR 17 TL	SOFT
112600	120/70 ZR 17 TL	MEDIUM

REAR

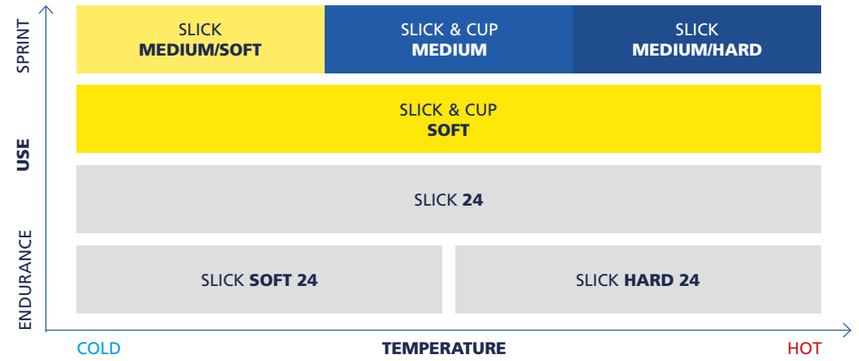
CAI	Size	Compound
035792	190/55 R 17 TL	SOFT
610363	190/55 R 17 TL	MEDIUM
N 618906	190/55 R 17 TL	EDITION D DAYTONA
N 885185	190/55 R 17 TL	EDITION P PHILLIP ISLAND

N NEW

FRONT



REAR



DISTRIBUTOR: WWW.PNEU-SPORT.CZ

MICHELIN POWER Slick 2

TWO COMPOUND TECHNOLOGY · SCT SYNTHETIC COMPONENT TECHNOLOGY

SLICK VERSION

NEW

WHICH RIDER WILL YOU BE TODAY?

- In 1974, Michelin developed the first Slick tyre; in 2019, Michelin is still leading the way in MotoGP, with exceptional grip from all of its motorcycle tyres
- The tyre for your track days tested on Cartagena circuit by the famous French Endurance racer Jeff Cortinovis
- Common technologies from Tracks to Road (Silica, architecture, dual-compound, design, tread pattern ...)

100% CIRCUIT

Tyres not approved for road use

FRONT

Width	Ratio		Diam.	TL/TT	Version	CAI
120	70	ZR	17	TL	-	319748

REAR

Width	Ratio		Diam.	TL/TT	Version	CAI
190	55	ZR	17	TL	-	215802
200	55	ZR	17	TL	-	219685

	FRONT	REAR
Minimum cold pressure on track (1)	**2,1 BAR** (30.5 PSI)	**1,5 BAR** (22 PSI)
Minimum hot pressure	**2,4 BAR** (34.8 PSI)	**1,7 BAR** (24.65 PSI)

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

MICHELIN POWER Cup 2

TWO COMPOUND TECHNOLOGY · SCT SYNTHETIC COMPONENT TECHNOLOGY

GROOVED VERSION

NEW

WHICH RIDER WILL YOU BE TODAY?

- In 1974, Michelin developed the first Slick tyre; in 2019, Michelin is still leading the way in MotoGP, with exceptional grip from all of its motorcycle tyres
- The treaded version of your track tyre Road legal and already homologated by premium manufacturers like KTM
- Common technologies from Tracks to Road (Silica, architecture, dual-compound, design, tread pattern ...)

95% CIRCUIT

Tyres approved for road use

FRONT

	Width	Ratio		Diam.	Load index	Speed index	TL/TT	CAI
KTM OE	120	70	ZR	17	(W)	TL	-	451092

REAR

Width	Ratio		Diam.	Load index	Speed index	TL/TT	CAI	
180	55	ZR	17	73	W	TL	528570	KTM OE
190	55	ZR	17	75	W	TL	159578	
200	55	ZR	17	78	W	TL	149276	

	FRONT	REAR
Minimum cold pressure on track (1)	**2,1 BAR** (30.5 PSI)	**1,5 BAR** (22 PSI)
Minimum hot pressure	**2,4 BAR** (34.8 PSI)	**1,7 BAR** (24.65 PSI)

For road use, comply with the constructor's pressure recommendations.

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

Storage and transportation restrictions

The Power Cup 2 and Power Slick 2 tyres should not be handled at a temperature below 5° C and be at 15° C for 24 hours before mounting or demounting.

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

MICHELIN POWER Cup Evo

2CT TWO COMPOUND TECHNOLOGY · MICHELIN ACT ADAPTIVE CASING TECHNOLOGY · SCT SYNTHETIC COMPONENT TECHNOLOGY

GROOVED VERSION

THE TREADED VERSION OF YOUR TRACK TYRE

- Exceptional grip levels from this treaded, road legal version of the Power Slick Evo
- Quick set up with no specific adaptions needed
- Straight line precision and optimised cornering stability thanks to the Michelin Adaptive Casing Technology (ACT)

95% CIRCUIT

Tyres approved for road use

FRONT

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

REAR

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

	FRONT	REAR
Minimum cold pressure on track(1)	2,1 BAR (30.5 PSI)	2,1 BAR (30.5 PSI)
Minimum hot pressure	2,3 BAR (33.4 PSI)	2,3 BAR (33.4 PSI)
Target hot pressure (after 6 laps)	2,3 BAR (33.4 PSI)	2,4 BAR (34.8 PSI)

For road use, comply with the constructor's pressure recommendations.

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

MICHELIN POWER Rain

RAIN VERSION

THE 100% TRACK TYRE FOR THE WET

- Specially developed so that competition and your track days can continue when it rains
- Super grip! Maximum water evacuation with its very deep tread

100% CIRCUIT

Tyres not approved for road use

FRONT

Width	Ratio		Diam.	TL / TT	CAI
12	60	R	17	TL	824200*
19	69	R	17	TL	891701**

* Equivalent to 120/70 R 17

REAR Both sizes work for 600 and 1000cc

Width	Ratio		Diam.	TL / TT	CAI
180	55	R	17	TL	407970

** Equivalent to 190/55 R 17

Track with high water level
Damp or drying track

	FRONT	REAR
Minimum cold pressure on damp track(1)	2,3 BAR (33.4 PSI)	1,8 BAR (26 PSI)
Minimum cold pressure on wet track (1)	2,4 BAR (34.8 PSI)	2,2 BAR (32 PSI)
Minimum cold pressure on flooded track (1)	2,4 BAR (34.8 PSI)	2,4 BAR (34.8 PSI)

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

MICHELIN
POWER SuperMoto

THE WORLD'S NO. 1 SUPERMOTO RANGE

- Developed in conjunction with the category's best riders
- Greater grip and lifespan thanks to rubbers stemming from competition
- Favoured by riders for its handling ability and more precise feedback at the front

COMPOUNDS

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

100% CIRCUIT

Tyres not approved for road use

FRONT

CAI	Size	Compound
715737	120/75 R 16.5 TL	A
366559	120/75 R 16.5 TL	B
060771	120/75 R 16.5 TL	RAIN
120870	120/80 16 TL	A
313249	120/80 16 TL	B
886449	120/80 16 TL	RAIN

REAR

CAI	Size	Compound
883879	160/60 R 17 TL	B
487703	160/60 R 17 TL	C
784399	160/60 R 17 TL	RAIN

MICHELIN SUPERMOTO

	FRONT	REAR
Minimum cold pressure on track (1)	1,8 BAR (26 PSI)	1,6 BAR (23 PSI)
Hot pressure under tyre warmers (2)	2,0 BAR (29 PSI)	1,9 BAR (27,5 PSI)
Target hot pressure (after 6 laps)	2,0 BAR (29 PSI)	1,9 BAR (27,5 PSI)

MICHELIN SUPERMOTO RAIN

	FRONT	REAR
Minimum cold pressure **on damp track** (1)	2,0 BAR (29 PSI)	1,8 BAR (26 PSI)
Minimum cold pressure **on wet track** (1)	2,2 BAR (32 PSI)	2,2 BAR (32 PSI)
Minimum cold pressure **on flooded track** (1)	2,4 BAR (34,8 PSI)	2,4 BAR (34,8 PSI)

(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.

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

TECHNICAL SPECIFICATIONS

POWER PERFORMANCE SLICK

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
120/70R17	3,5	120	600	1885
200/55R17	6	200	660	2073
200/60R17	6	200	675	2120

POWER PERFORMANCE CUP

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
120/70R17	3,5	120	600	1885
190/55R17	5,5	190	652	2048

POWER Slick 2

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
120/70R17	3,5	120	633,8	1991
190/55R17	6.0	190	650	2042
200/55R17	6,25	200	665	2089

POWER Cup 2

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
120/70R17	3,5	120	633,8	1991
180/55R17	5,5	180	638	2004
190/55R17	6.0	190	650	2042
200/55R17	6,25	200	665	2089

POWER Slick Evo

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
120/70R17	3,5	120	602	1891
190/55R17	5,5	190	653	2051
200/55R17	6,25	200	663,5	2084

POWER Cup Evo

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
110/70R17	3.0	110	585,7	1840
120/70R17	3,5	120	606	1904
140/70R17	3,75	140	630,6	1981
150/60R17	4,25	150	614,3	1930
160/60R17	4,5	160	630,9	1982
180/55R17	5,5	180	637	2001
190/55R17	6.0	190	651,6	2047
200/55R17	6,25	200	663,5	2084

POWER Rain

Size	Rim width (")	Tyre width (mm)	Static diameter (mm)	Static circumference (mm)
12/60-17	3,5	120	602	1891
180/55R17	5.5/6	180	640	2011
19/69-17	6	190	648	2036

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

MICHELIN TECHNOLOGIES

SCT : SYNTHETIC COMPONENT TECHNOLOGY

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.

QUICK INSTALLATION SYSTEM

MICHELIN 2 COMPOUND TECHNOLOGY

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

LONGEVITY + GRIP

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.

HANDLING

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

EQUIVALENCES

BAR / PSI

The pression of tyres is sometimes given in PSI.
To convert PSI in BAR, divide by 14.5

1 BAR = 14.5 PSI

BAR	1,2	1,3	1,4	1,5	1,6	1,7	1,8	1,9	2	2,1	2,2
PSI	17,4	18,85	20,3	21,75	23,2	24,7	26,1	27,6	29	30,5	31,9
BAR	1,8	1,9	2	2,1	2,3	2,4	2,5	2,6	2,7	2,8	2,9
PSI	26,1	27,6	29	30,5	33,4	34,8	36,3	37,7	39,2	40,6	42,1

CELSIUS / FAHRENHEIT

The temperature T in Fahrenheit degrees (°F).
The temperature T in Celsius degrees (°C).

T(°F) = T(°C) x 9/5 + 32
T(°C) = T(°F) x 5/9 + 32

Celsius (°C)	Fahrenheit (°F)
0 °C	32.0 °F
1 °C	33.8 °F
2 °C	35.6 °F
3 °C	37.4 °F
4 °C	39.2 °F
5 °C	41.0 °F
6 °C	42.8 °F
7 °C	44.6 °F
8 °C	46.4 °F
9 °C	48.2 °F
10 °C	50.0 °F
15 °C	59.0 °F
20 °C	68.0 °F
25 °C	69.8 °F

Celsius (°C)	Fahrenheit (°F)
30 °C	86.0 °F
35 °C	95.0 °F
40 °C	104.0 °F
45 °C	113.0 °F
50 °C	122.0 °F
60 °C	140.0 °F
70 °C	158.0 °F
80 °C	176.0 °F
90 °C	194.0 °F
100 °C	212.0 °F
110 °C	230.0 °F
120 °C	248.0 °F
130 °C	266.0 °F
140 °C	284.0 °F
150 °C	302.0 °F

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

RECOGNIZING DAMAGE

RUBBER BREAKAGES DUE TO COLD

THE BASICS

All the rubber mixtures used in the tyres have performances that fall within an extreme temperature range.

- A low temperature from which the rubber loses all elasticity and becomes brittle. This is called the breaking point. It can reach -55°C for some rubbers.
- A high temperature, generally over 200°C, from which the rubber also loses all its elasticity and becomes doughy/viscous. This is called the reversion point.

FOR THE VAST MAJORITY OF ROAD TYRES, ALL CATEGORIES INCLUDED, THESE TEMPERATURES LIMITS DO NOT CONSTITUTE A HINDRANCE TO THE NORMAL USE OF OUR TYRES.

Caution: breaks from cold come from inside the tyre and are not always visible. They can, however, appear over the entire tyre.

SPECIFIC CASE FOR COMPETITION AND HYPERSPORT TYRES:

Within the framework of Competition and HyperSport tyres, the very high temperatures encountered (linked to the high grip levels) requires a tread mixture definition for higher operating temperatures.

Handling these tyres at some temperature levels may thus lead to breaks in the tread, rendering the tyre unusable.

MICHELIN POWER PERFORMANCE *Cup*

RECOMMANDATIONS

- Never handle the tyre at a **temperature below 15°c** in order to prevent damage to the tyre.
- Before fitting and unfitting, the tyre should have been stored for at least 24h at a **temperature greater than 15°c**.

MICHELIN POWER PERFORMANCE *Slick*

MICHELIN POWER *Slick*²

MICHELIN POWER *Cup*²

MICHELIN POWER *Cup evo*

RECOMMANDATIONS

- Never handle the tyre at a **temperature below 5°c** in order to prevent damage to the tyre.
- Before fitting and unfitting, the tyre should have been stored for at least 24h at a **temperature greater than 10°c**.

MICHELIN POWER *SuperMoto*

RECOMMANDATIONS

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

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

GRAINING

Description
Formation of deep wrinkles, visible on the internal or external shoulder of the tyre.

Causes
- The mixture is not warmed up, the tyre is outside its window of use.
- The mixture temperature is too low; grip is therefore not generated.

Checks/advice
- Increase the pressure.
- Change the rubber compound of the tyres.
- Also check and/or adjust the bike settings.

CROWN INJURIES

Description
Puncture and non-puncture crown injuries with or without tears. Localized braking.

Causes
External aggression, either from riding over sharp/ blunt objects or by rubbing against a foreign body.

Changes
Tyre deterioration by running flat, ply rupture, loss of product cohesion.

Checks/advice
- Check the conditions of use
- Check the usage pressures
- Replace the product(s) concerned if the injuries are deep and reach the plies or the casing

SIDEWALL INJURIES

Description
Puncture and non-puncture sidewall injuries, with or without tears.

Causes
External aggression, either from riding over sharp/ blunt objects or by rubbing against a foreign body.

Changes
Rubber and ply rupture on the Sidewall. Running flat.

Checks/advice
- Check the conditions of use
- Check the usage pressures
- Replace the product(s) concerned if the injuries are deep and reach the plies or the casing

CROWN SHOCK

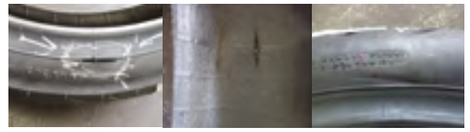
Description
Shock with crown ply rupture.
The trace of the chock is generally found on the tread.

Causes
External aggression, from riding over sharp/blunt objects.

Changes
Rubber and ply rupture on the sidewall, running flat.

Checks/advice
- Check the conditions of use
- Replace the tyre
- Examine the other tyres on the vehicle

SIDEWALL SHOCK



Description
Stretching or folds in the casing ply with or without cable rupture. Radial break between the cables. Pinching shock. Instant rupture without pinching.

Causes
Shock or pinching to sidewalls when riding over a pothole or suddenly mounting the pavement.

Changes
Rubber and ply rupture on the Sidewall.
Running flat

Checks/advice
- Check the conditions of use
- Replace the product(s) concerned if the casings are damaged

CROWN CRACKS

Description
Tread cracks.

Causes
Product ageing. Exposure to ozone, UV, use of aggressive cleaning product. Risk of developing into breaks.

Changes
Breaks.

Checks/advice
- Check the use, parking/storage and vehicle maintenance conditions
- Replace the product(s) concerned if the cracks are deep and reach the plies or the casing

SIDEWALL CRACKS

Description
Cracks to the black rubber.

Causes
Excessive heating due to major work by the casing (use under-inflated). Exposure to ozone, prolonged exposure to light. Wax, varnish, washing products, etc.

Changes
Check the conditions of use.

Checks/advice
- Check the conditions of use
- Riding type, speed load, pressure
- Check the tyre storage or maintenance conditions (in the warehouse or in transit)
- Check the usage pressures

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

CROWN BREAKS

Description
Rubber breaks on the crown at the edge or base of the tread, with or without radial or circumferential tears.

Causes
Conditions of use.

Changes
Risk of infiltration with crown or sidewall deterioration.

Checks/advice
- Check the conditions of use
- Replace the product(s) concerned if the injuries are deep and reach the plies or the casing

SIDEWALL BREAKS

Description
Localized or generalized, radial, oblique or circumferential rubber breaks of greater or lesser size that may reach the plies. These breaks may be over every tyre zone.

Changes
Major mechanical stresses in the flexion zones.

Checks/advice
- Check the conditions of use
- Roads, paths, drives
- Riding type, speed load, pressure
- Examine the other tyres on the vehicle
- Adapt the pressures to the use
- Replace the product(s) concerned if the breaks are deep and reach the plies or the casing

WHAT TO DO IN CASE OF DAMAGE ?

Any user client finding an anomaly will report it to a dealer or the technician on site.

To issue a claim, the dealer logs onto the following site:
motorsportclaim.michelingroup.com

- **Log on** (ID + password)
- **Press the 'add a new claim' button**
- **Fill in all the fields in each page.**
  CAUTION: the client's email and the photos are mandatory.
  Quality of the photos must be appropriate.
- **Read the information thoroughly before submitting the claim.**
  You can return at any time to add missing elements.
- **The claim will be taken into consideration and will switch to the analysis status**
- **The client (dealer in copy) will receive an answer by email**

If Michelin requires the tire to be inspected, a request will be made to the dealer via the tool (tire to be returned to the address indicated).

The dealer will then reply once the tire is sent 'tire sent'.

Each dealer can follow the progress of its claims via the tool.

Accurate information ensures a high quality and prompt answer.

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

USER GUIDE

USING COMPETITION TYRES

TIP FOR USE: PRESSURES AND TEMPERATURES

The inflation pressures must be respected; they are given so that you can begin your race or practice sessions under good performance and safety conditions. These pressures need to be adapted in accordance with the change in track temperatures and rider performance.

Michelin recommends you check your pressures before each ride.

For temperatures below 15°C, Michelin recommends increasing the front and rear tyre pressures by 0.1 Bar.

The entire MICHELIN Power Performance range requires the use of tyre warmers, in good operating condition that can provide a temperature of 90°. We recommend warming for 1 hour before taking to the track, if possible sheltered from the wind and air currents.

STORAGE/FITTING

Dampness, temperature, light and some chemicals or electrical items are known aging factors; it is therefore essential to store products correctly.

› Humidity:
Store tires in a cool, dry room with natural ventilation, in order to avoid condensation. Outside, cover them with a waterproof opaque tarpaulin.

› Light:
Protect tyres from UV (sunshine and artificial light).

› Temperature:
Must be higher than 15°C and below 35°C. Avoid any direct contact with pipes and radiators.

› Electrical equipment, solvents, hydrocarbons, fuels, chemicals:
Never store tyres in a room where these items of equipment and products are present.

› Stock rotation:
To be arranged so that the tyres stored first are used first.

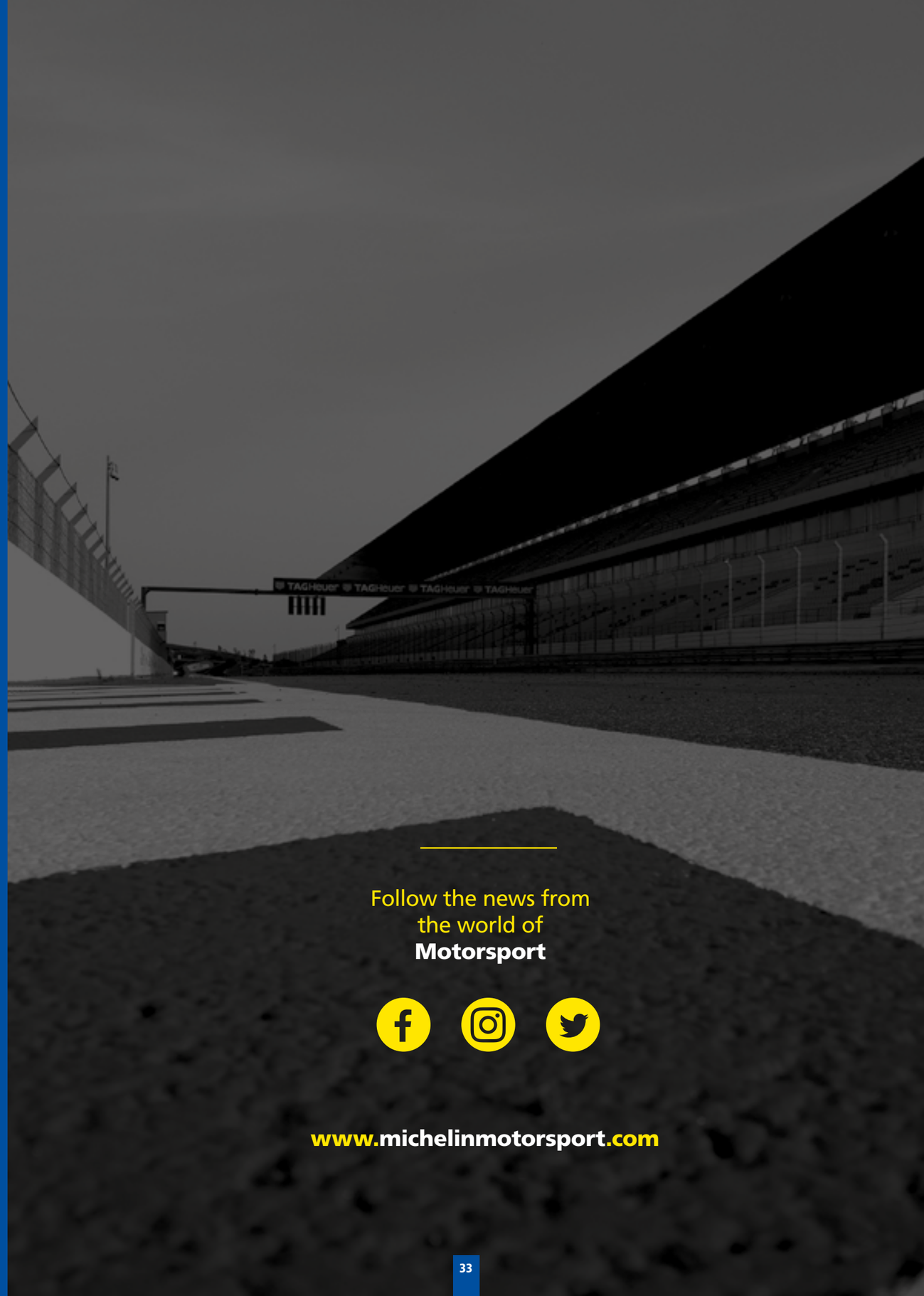
› Short term storage (< 4 weeks):
Stack tyres flat, preferably on pallets. The height of the stacks must not exceed 1.2 m. After 4 weeks, it is recommended the stacks be reformed by reversing the order of the tyres. When mounted on rims, tires must be stored inflated, in a vertical position or just one tire high on shelving.

› Long term storage (max. 5 years):
Store tyres vertically on shelves located at least 10 cm off the ground. In order to avoid them deforming, rotate them slightly once a month.

› Fitting:
Fit in accordance with Michelin instructions. Find out more from your dealer.

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

NOTES



Follow the news from
the world of
Motorsport

www.michelinmotorsport.com

DISTRIBUTOR: WWW.PNEU-SPORT.CZ

MICHELIN MOTORSPORT

36 rue du Clos Four • 63040 Clermont-Ferrand • France
00 33 (0) 4 73 30 45 90

www.michelinmotorsport.com

TYRES NOT APPROVED FOR ROAD USE. FOR USE ONLY ON RACETRACKS OR IN COMPETITIONS, IN ACCORDANCE WITH OUR RECOMMENDATIONS.

In order to remain at the highest level of performance, Michelin is constantly developing its range and reserves the right to modify this during the season.

MICHELIN