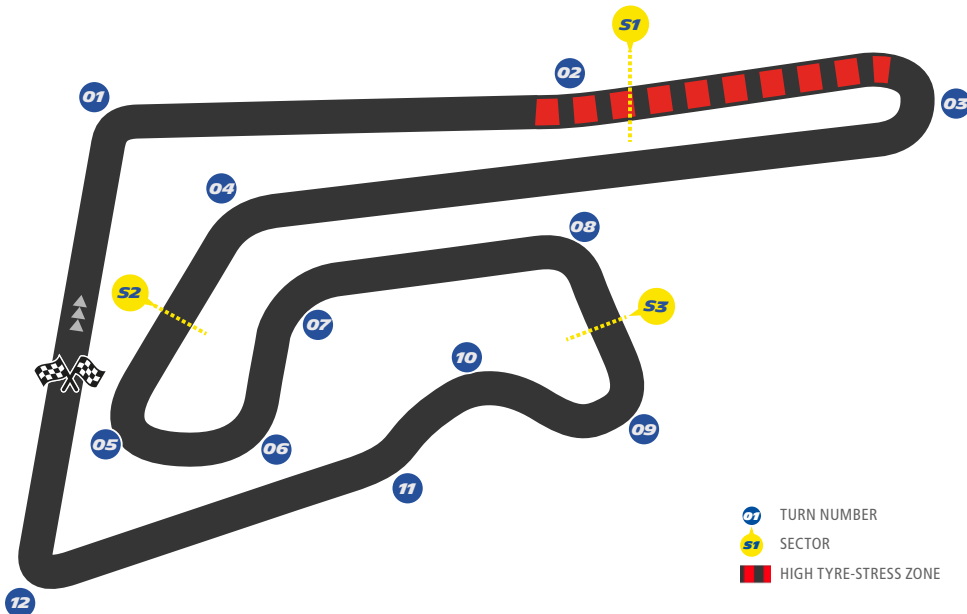


RACECARD

2019 MICHELIN MotoGP™



15
PTT THAILAND
GRAND PRIX
OCTOBER 4»6
2019
 CHANG INTERNATIONAL
 CIRCUIT
THAILAND



- 01** TURN NUMBER
- S1** SECTOR
- [Red/Black Stripes]** HIGH TYRE-STRESS ZONE

TIMETABLE

QUALIFYING PRACTICE SATURDAY, OCTOBER 4		
09:00 - 09:40	Moto3	FP1
09:55 - 10:40	MotoGP	FP1
10:55 - 11:35	Moto2	FP1
13:15 - 13:55	Moto3	FP2
14:10 - 14:55	MotoGP	FP2
15:10 - 15:50	Moto2	FP2

QUALIFYING PRACTICE SATURDAY, OCTOBER 5		
09:00 - 09:40	Moto3	FP3
09:55 - 10:40	MotoGP	FP3
10:55 - 11:35	Moto2	FP3
12:35 - 12:50	Moto3	QP1
13:00 - 13:15	Moto3	QP2
13:30 - 14:00	MotoGP	FP4
14:10 - 14:25	MotoGP	QP1
14:35 - 14:50	MotoGP	QP2
15:05 - 15:20	Moto2	QP1
15:30 - 15:45	Moto2	QP2

RACE SUNDAY, OCTOBER 6		
8:40 - 9:00	Moto3	WUP
9:10 - 9:30	Moto2	WUP
9:40 - 10:00	MotoGP	WUP
11:00	Moto3	RAC
12:20	Moto2	RAC
14:00	MotoGP	RAC

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
4.554 KM	12 M	7	5	1,000 M	26	118.4 KM

RECORDS

All Time Lap Record

Marc Márquez (Honda, 2018):
1m30.031s

Best lap race

Marc Márquez (Honda, 2018):
1m31.471s

Race duration

Marc Márquez (Honda, 2018):
39m55.722s

Top Speed

Andrea Dovizioso (Ducati, 2018):
330.4 km/h

2018 PODIUM

2 A. Dovizioso (Ducati)

1 M. Márquez (Honda)
🕒 39m55.722s

3 M. Viñales (Yamaha)

Pole 2018 : M. Márquez (Honda) 🕒 1m30.088s

TYRE SEVERITY RATING



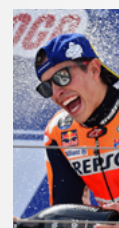
MICHELIN'S RECORD

Wins: **1** (2018)

Pole position: **1** (2018)

DID YOU KNOW?

Marc Márquez stands a chance of putting the seal on his sixth MotoGP™ crown and Michelin's 30th world title in motorcycle racing's premier series in Thailand.



LOCAL TIME - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE



2019 TYRE REGULATIONS

Allocation per race

22 SLICKS:

10 front slicks:

- ✓ Up to 5 A-specification tyres
- ✓ Up to 5 B-specification tyres
- ✓ Up to 5 C-specification tyres

12 rear slicks:

- ✓ Up to 6 A-specification tyres*
- ✓ Up to 5 B-specification tyres
- ✓ Up to 4 C-specification tyres

(* Riders who participate in both Q1 and Q2 qualifying sessions (maximum 2 riders) will be allocated one extra front tyre of their preferred specification after Q2 (therefore, if taken, a maximum of 6 of that specification) and one extra rear slick tyre of specification A (highest grip level) after Q2 (therefore, if taken, a maximum of 7 of specification A).

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tyres allocated will be a rain tyres (of the specification the rider prefer for both front tyre and rear tyre). In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tyre will be allocated.

13 RAIN TYRES

6 front tyres of 2 specifications

7 rear tyres of 2 specifications

In the case that any 4 of the 5 sessions, being FP1, 2, 3, 4, and one Qualifying session (excluding warm-up), are declared wet, one more set of rain tyres will be allocated to every rider, and the allocation automatically becomes:

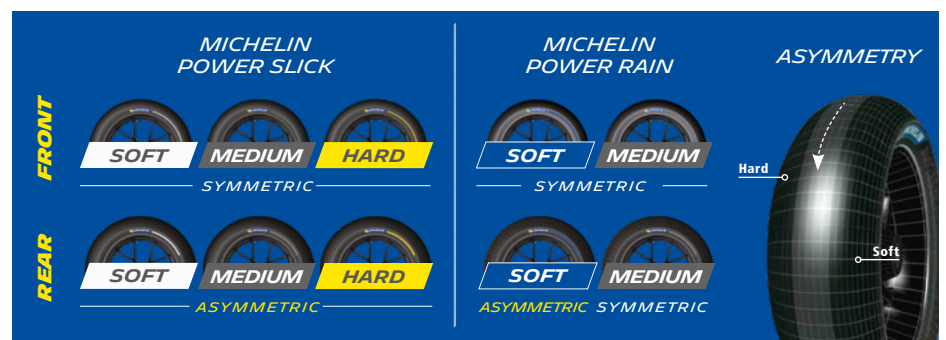
7 Front rain tyres, and 8 Rear rain tyres.



PIERO TARAMASSO

Michelin Motorsport Two-Wheel Manager:

"This is our third visit to Buriram following the test and race there last year and each time we have learned more and been able to assess the tyres and makes changes for the next visit. It is a very severe track on rear tyres and creates a lot of heat for the rubber, so we have a special construction - which we also use just in Austria - to counteract this situation. Last year we were told it would be cooler and wet during October, but it was hot and dry, so we have prepared a range of tyres that can contend with all conditions. There was a big crowd at Buriram last year and it was a great event, we are sure it will be the same this year and that Michelin will play a part in giving the fans a race to enjoy."



GREEN GUIDE

Discover the thousand-and-one delights of multifaceted Thailand – from its island paradises and mountain villages, to its lush forests, paddy fields, Buddhist temples and Bangkok skyscrapers – with the Michelin Green Guide Thailand.



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP



MAVERICK VIÑALES
#12

Born: **January 12, 1995**
Grand Prix debut: **2015, Qatar**

86 6 21 8

RECORD WITH MICHELIN

6 21 8 (0)



VALENTINO ROSSI
#46

Born: **February 16, 1979**
Grand Prix debut: **2000, South Africa**

337 89 198 55

World titles: (2009, 2008, 2005, 2004, 2003, 2002, 2001)

(7)

RECORD WITH MICHELIN

65 123 43 (5)

REPSOL HONDA TEAM



MARC MÁRQUEZ
#93

Born: **February 17, 1993**
Grand Prix debut: **2013, Qatar**

122 52 90 61

World titles: (2018, 2017, 2016, 2014, 2013)

(5)

RECORD WITH MICHELIN

28 51 31 (3)



JORGE LORENZO
#99

Born: **May 4, 1987**
Grand Prix debut: **2008, Qatar**

198 47 114 43

World titles: (2015, 2012, 2010)

(3)

RECORD WITH MICHELIN

8 23 12 (0)

DUCATI TEAM



ANDREA DOVIZIOSO
#4

Born: **March 23, 1986**
Grand Prix debut: **2008, Qatar**

210 14 58 7

RECORD WITH MICHELIN

13 29 4 (0)



DANILO PETRUCCI
#9

Born: **October 24, 1990**
Grand Prix debut: **2012, Qatar**

132 1 9 0

RECORD WITH MICHELIN

1 8 0 (0)

APRILIA RACING TEAM GRESINI



ALEIX ESPARGARÓ
#41

Born: **July 30, 1989**
Grand Prix debut: **2009, Indianapolis**

160 0 1 2

RECORD WITH MICHELIN

1 8 1 (0)



ANDREA IANNONE
#29

Born: **August 9, 1989**
Grand Prix debut: **2013, Qatar**

113 1 11 2

RECORD WITH MICHELIN

1 8 1 (0)

REALE AVINTIA RACING



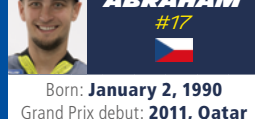
TITO RABAT
#53

Born: **May 25, 1989**
Grand Prix debut: **2016, Qatar**

60 0 0 0

RECORD WITH MICHELIN

2 8 0 (0)



KAREL ABRAHAM
#17

Born: **January 2, 1990**
Grand Prix debut: **2011, Qatar**

116 0 0 0

RECORD WITH MICHELIN

0 1 0 (0)

PETRONAS YAMAHA SRT



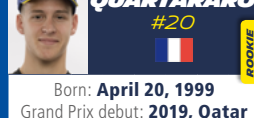
FRANCO MORBIDELLI
#21

Born: **December 4, 1994**
Grand Prix debut: **2018, Qatar**

30 0 0 0

RECORD WITH MICHELIN

0 4 3 (0)



FABIO QUARTARARO
#20

Born: **April 20, 1999**
Grand Prix debut: **2019, Qatar**

14 0 4 3

RECORD WITH MICHELIN

0 4 3 (0)

RED BULL KTM FACTORY RACING



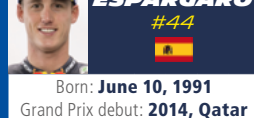
MIKA KALLIO
#82

Born: **November 8, 1982**
Grand Prix debut: **2009, Qatar**

40 0 0 0

RECORD WITH MICHELIN

0 4 3 (0)



POL ESPARGARÓ
#44

Born: **June 10, 1991**
Grand Prix debut: **2014, Qatar**

99 0 1 0

RECORD WITH MICHELIN

0 1 0 (0)

LCR HONDA



CAL CRUTCHLOW
#35

Born: **October 29, 1985**
Grand Prix debut: **2011, Qatar**

152 3 18 4

RECORD WITH MICHELIN

3 10 2 (0)



TAKAAKI NAKAGAMI
#30

Born: **February 9, 1992**
Grand Prix debut: **2018, Qatar**

32 0 0 0

PRAMAC RACING



JACK MILLER
#43

Born: **January 18, 1995**
Grand Prix debut: **2015, Qatar**

80 1 4 1

RECORD WITH MICHELIN

1 4 1 (0)



FRANCESCO BAGNAIA
#63

Born: **January 14, 1997**
Grand Prix debut: **2019, Qatar**

14 0 0 0

RED BULL KTM TECH 3



HAFIZ SYAHRIN
#55

Born: **May 5, 1994**
Grand Prix debut: **2018, Qatar**

32 0 0 0



MIGUEL OLIVEIRA
#88

Born: **January 4, 1995**
Grand Prix debut: **2019, Qatar**

14 0 0 0



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



RIDERS' STANDINGS

RACE				QAT	ARG	USA	ESP	FRA	ITA	ESP	NED	DEU	CZE	AUT	GBR	SMR	ESP	THA	JPN	AUS	MYS	ESP			
				Losail 10/03	Rio Hondo 31/03	Austin 14/04	Jerez 05/05	Le Mans 19/05	Mugello 02/06	Catalunya 16/06	Assen 30/07	Sachsenring 07/07	Brno 04/08	Spielberg 11/08	Silverstone 25/08	Misano 15/09	Aragon 22/09	Chang 06/10	Motegi 20/10	Phillip Island 27/10	Sepang 03/11	Torredonja 17/11			
RIDERS' STANDINGS				Wins	Podium	Points	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	Marc Márquez #93	8	13	300	20	25	DNF	25	25	20	25	20	25	25	20	25	25								
2	Andrea Dovizioso #4	2	7	202	25	16	13	13	20	16	DNF	13	11	20	25	DNF	10	20							
3	Alex Rins #42	2	3	156	13	11	25	20	6	13	13	DNF	DNF	13	10	25	DNF	7							
4	Daniilo Petrucci #9	1	3	155	10	10	10	11	16	25	16	10	13	8	7	9	6	4							
5	Maverick Viñales #12	1	5	147	9	DNF	5	16	DNF	10	DNF	25	20	6	11	16	16	13							
6	Valentino Rossi #46	2		137	11	20	20	10	11	DNF	DNF	DNF	8	10	13	13	13	8							
7	Fabio Quartararo #20	4		123	0	8	9	DNF	8	6	20	16	DNF	9	16	DNF	20	11							
8	Jack Miller #43	3		117	DNF	13	16	DNF	13	DNF	11	7	10	16	DNF	8	7	16							
9	Cal Crutchlow #35	2		98	16	3	DNF	8	7	8	DNF	9	16	11	DNF	10	DNF	10							
10	Franco Morbidelli #21			80	5	DNF	11	9	9	DNF	DNF	11	7	DNF	6	11	11	DNF							
11	Pol Espargaró #44			77	4	6	8	3	10	7	9	5	4	5	DNF	7	9	DNS							
12	Takaaki Nakagami #30			68	7	9	6	7	DNF	11	8	DNF	2	7	5	DNF	0	6							
13	Joan Mir #36			49	8	DNF	0	DNF	0	4	10	8	9	DNF	DNS		8	2							
14	Alex Espargaró #41			46	6	7	DNF	5	4	5	DNF	4	DNF	0	2	DNF	4	9							
15	Andrea Iannone #29			32	2	0	4	DNS	DNF	1	5	6	3	0	0	6	DNS	5							
16	Francesco Bagnaia #63			29	DNF	2	7	DNF	DNF	DNF	DNF	2	0	4	9	5	DNF	0							
17	Miguel Oliveira #88			29	0	5	2	0	1	0	4	3	0	3	8	DNF	0	3							
18	Johann Zarco #5			27	1	1	3	2	3	0	6	DNF	DNF	2	4	DNF	5								
19	Jorge Lorenzo #99			23	3	4	DNF	4	5	3	DNF	DNS				2	2	0							
20	Tito Rabat #53			18	0	DNF	1	1	DNF	DNF	7	0	5	0	DNF	DNF	3	1							
21	Stefan Bradl #6			16				6					6	1	3										
22	Michele Pirro #51			9						9							DNF								
23	Sylvain Guintoli #50			7							3			0		4									
24	Hafizh Syahrin #55			7	0	0	0	0	2	DNF	DNF	1	0	DNF	DNF	3	1	0							
25	Karel Abraham #17			5	0	DNF	0	0	DNF	2	DNF	0	1	0	1	1	0	0							
26	Bradley Smith #38			0	DNF			0			DNF							0							
27	Mika Kallio #82			0														0							

1st 25 pts 4th 13 pts 7th 9 pts 10th 6 pts 13th 3 pts
 2nd 20 pts 5th 11 pts 8th 8 pts 11th 5 pts 14th 2 pts DNF: Did Not Finish
 3rd 16 pts 6th 10 pts 9th 7 pts 12th 4 pts 15th 1 pt DNS: Did Not Start



FACTS

15,000



The number of kilometres covered by a rider during a season (races and practice)



22

slick tyres a rider can use

during a grand prix weekend (free practice, qualifying, warm-up and race)



MINIMUM PRESSURE FOR A TYRE

Front slick

1,9 BAR

Rear slick

1,7 BAR



THE OPERATING TEMPERATURE

Front slick

100°C

Rear slick

120°C

MICHELIN'S MotoGP™ RACE STAFF



2 DEVELOPERS



8 TECHNICIANS



11 FITTERS



1 MANAGER



1 PRESS OFFICER



3 MARKETING / COMMUNICATION



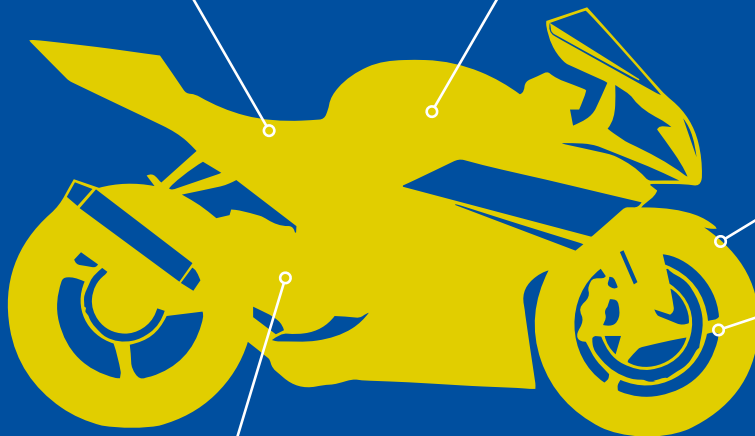
WEIGHT:

157 KG



MAXIMUM FUEL TANK CAPACITY:

22 LITRES



ENGINE DISPLACEMENT:

1,000 cc

4
stroke

POWER:

240 HP

TYRES



MICHELIN
POWER SLICK



OR MICHELIN
POWER RAIN

17"

RIM
DIAMETER:

17 INCHES

SIZES:

FRONT: **12 / 60 - 17**

Width (cm) Exterior diameter (cm) Rim diameter (inches)

REAR: **20 / 69 - 17**





MICHELIN'S MotoGP™ RANGE 2019 SEASON

MICHELIN POWER SLICK

FRONT
12/60 - 17



SOFT

MEDIUM

HARD

REAR
20/69 - 17



MICHELIN POWER RAIN

FRONT
12/60 - 17



EXTRA SOFT

SOFT

MEDIUM

REAR
20/69 - 17



DO YOU SPEAK MotoGP™?

Apex

The tightest point of a corner, which the rider usually rides through just before he begins to exit and accelerate away.

Highside

A crash in which the rear wheel of the bike slides out from under the rider – so that he is essentially at a right angle to his racing line (the direction in which he was going) – and then regains grip, which flips the bike and rider over.

Hole-shot

Taking the hole-shot means leading the race at the first corner.

OnBoard

An 'OnBoard' is a television camera carried by a MotoGP™ bike. Installed in various parts of the bike, these cameras offer some of the most spectacular perspectives of the race.

Paddock

The area adjacent to the pit boxes on the opposite side to the pit-lane, where teams and riders station their motorhomes and equipment for the duration of a grand prix weekend.

Parc Ferme

Designated area in the pit-lane where podium-finishing riders (first three) in each class are interviewed by television crews immediately after each race.

Pit box

The pit-boxes house teams over the course of a grand prix weekend, serving as a temporary garage and workshop.

Pit-lane

An access lane to the track which runs alongside the start/finish straight, adjacent to the pit-boxes and separated from the circuit by the pit wall.

Ride Through

A Ride Through procedure is a penalty where a rider is instructed to ride through the pit-lane – within a maximum speed limit – and can be imposed if he has contravened the regulations, for example, jump-starting before the race has officially commenced.

Rookie

A rider competing in his first year in any of the three categories of grand prix racing is referred to as a rookie.

Wild cards

Unregistered riders who are entered for one-off grands prix, as opposed to regular World Championship competitors.

