



# RACEGUIDE

2025 FIA WEC



## LONE STAR LE MANS

SEPTEMBER 5-7

#06





# 2025 TIMETABLE

## FRIDAY, SEPTEMBER 5

11:30am  
> 1:00pm **Free Practice 1**

4:00pm  
> 5:30pm **Free Practice 2**

## SATURDAY, SEPTEMBER 6

11:00am  
> 12:00noon **Free Practice 3**

3:40pm  
> 3:52pm **Hypercar  
Qualifying**

4:00pm  
> 4:10pm **Hypercar  
Hyperpole**

## SUNDAY, SEPTEMBER 7

**1:00pm Start**



LOCAL TIME GMT-3 • Source: fiaawec.com  
information subject to change

**36**  
ENTRIES

**18**  
HYPERCARS

**8**  
DIFFERENT  
MANUFACTURERS

# THE 2025 LONE STAR LE MANS

**ROUND 6, 2025 FIA WORLD ENDURANCE  
CHAMPIONSHIP (FIA WEC)**



Second of back-to-back  
American races

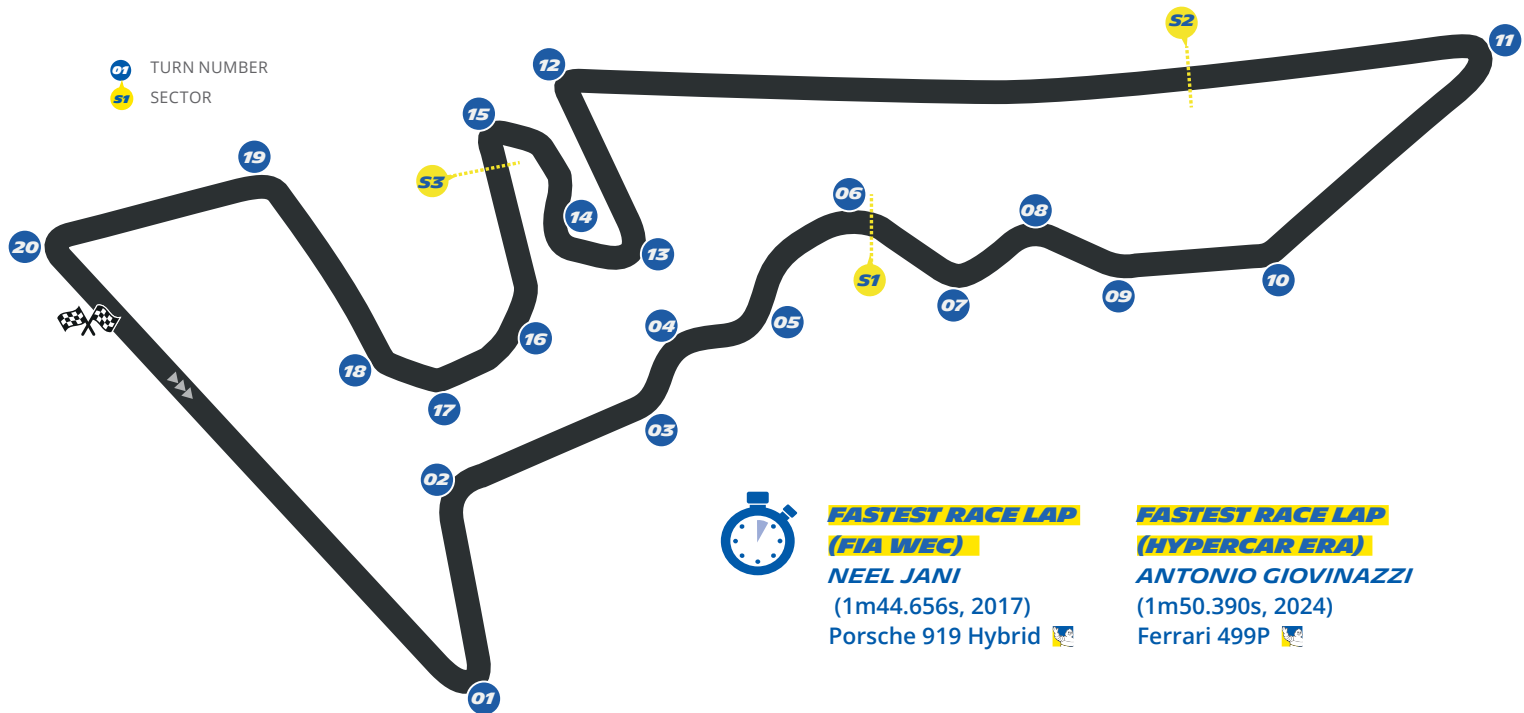
The Aston Martin Valkyrie  
LMH's CoTA debut



## STATISTIC

The Cadillac V-Series.R celebrated its 32<sup>nd</sup> FIA WEC appearance with its first victory at the 6 Hours of São Paulo, on Michelin tires. Cadillac is the seventh different manufacturer to have won a round of the world championship, the fifth since the beginning of the Hypercar era in 2021.

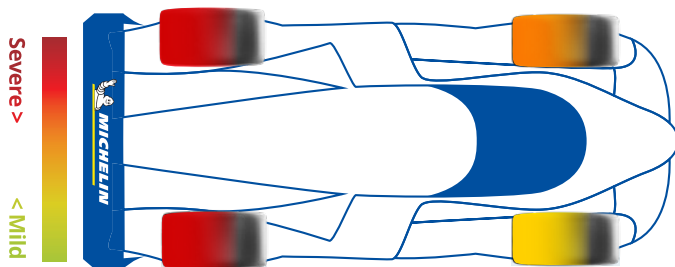
# CIRCUIT OF THE AMERICAS (CoTA)



**5.513KM** / **20 TURNS**

**ANTICLOCKWISE**

## TIRE SEVERITY RATING



- » Situated in the outer suburbs of Austin, Texas
- » Total elevation difference: 41 meters
- » Steep climb from the pits straight to Turn 1
- » A 1.2-kilometer straight
- » First used by F1 in 2012
- » First visited by the FIA WEC in 2013
- » Track resurfaced in 2024
- » The circuit climbs 25 meters from the pits straight to Turn 1, the equivalent of a seven-floor building
- » Braking for Turn 1, the Hypercars slow from 280 to 75kph – a deceleration force of 3g
- » Cars are at their fastest – around 300kph – from Turn 11 to Turn 12
- » The Hypercars' tires generate a lateral effort of 1 tonne through Turns 2 and 3, as well as through Turns 16, 17 and 18





# THE 2024 RACE



**WINNERS**

The Ferrari 499P's first win in a six-hour FIA WEC race

## KUBICA/SHWARTZMAN/YE

(Ferrari 499P 🇨🇵) 183 laps

### HYPERPOLE

ANTONIO GIOVINAZZI (Ferrari 499P 🇨🇵),  
🕒 1m50.390s (179,8kph)

### FASTEST RACE LAP

KAMUI KOBAYASHI (Toyota GR010 Hybrid 🇯🇵),  
🕒 1m52.564s (176.3kph)

### TOP SPEED

ROBERT KUBICA (Ferrari 499P 🇨🇵)  
316kph

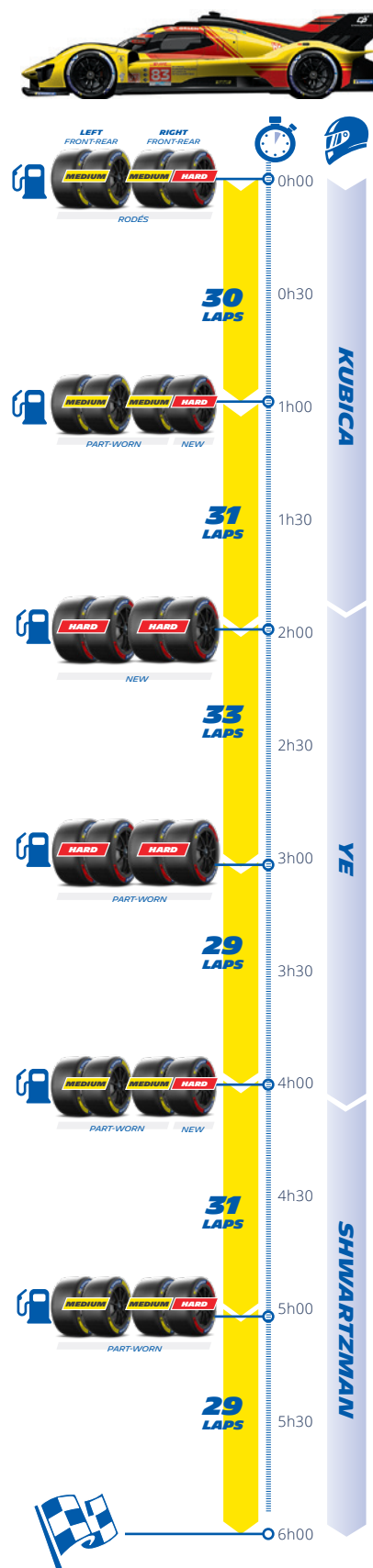
Second-smallest winning margin in FIA WEC history (1.780s)

Best result to date for the Alpine A424 (5th)

Extreme heat (track temperature: 50°C)

In spite of the conditions, the medium MICHELIN Pilot Sport successfully double-stinted with no excessive wear

## THE WINNER'S STRATEGY



## ENDURANCE RACING: AN INNOVATION ACCELERATOR FOR MICHELIN

Michelin sees motorsport in general, and the FIA World Endurance Championship (FIA) particular, as a means to accelerate innovation. The proportion of renewable and recycled materials that go into the MICHELIN Pilot Sport endurance-racing rain tire stands at 45 percent.

In 2021, Michelin presented a demonstration tire containing

46 percent recycled/renewable raw materials for the MissionH24 hydrogen fuel-cell racing prototype. The rain tires used by today's Hypercar prototypes incorporate 45 percent renewable or recycled raw materials.

Motorsport is one of the driving forces behind Groupe Michelin's Everything Sustainable plan for 2050.



## **PIERRE ALVES**

(Manager, Endurance Racing Programs, Michelin Motorsport)



The 2025 FIA WEC resumes after the summer break with a trip to the Circuit of The Americas where we can expect challenging weather that puts the drivers, their cars and their tires to a huge test – especially in the Hypercar class. The 2024 race saw the track temperature soar to as high as 50°C as the teams endeavored to maximize the potential of their medium and hard slicks. We were surprised to see how competitive the medium proved in the heat. The track had

//  
**THE MEDIUM WAS VERY  
COMPETITIVE IN THE  
RACE VS THE HARD  
UNDER THESE EXTREME  
CONDITIONS** //

been resurfaced shortly before our visit but both compounds ran on the fresh asphalt with very little detriment to lap times. CoTA is a high-energy circuit for tires, beginning with the heavy braking zone into Turn 1 after a steep climb. There is then a sequence of nine fast corners followed by a very long straight, at the end of which the cars brake hard again. The last sector is relatively slow, with a triple right-hander where the mechanical grip provided by our MICHELIN Pilot Sport tires is crucial.



### **MICHELIN'S FIA WEC RECORD**

**97  
WINS**

WITH 6 DIFFERENT MANUFACTURERS  
including Toyota (48 wins) and Porsche (20)

WITH 51 DIFFERENT DRIVERS  
including S. Buemi (26), B. Hartley (23) and M. Conway (18)

**12**  
MANUFACTURERS'  
WORLD TITLES

**12**  
DRIVERS'  
TITLES

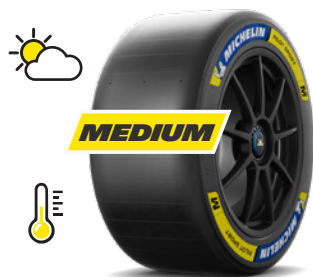




# THE MICHELIN PILOT SPORT

## HYPERCAR RANGE

### SLICKS



Medium compound  
Dry conditions  
The most versatile option



Hard compound  
Dry conditions  
High track temperatures  
Big constraints

Only two slicks specifications available (three for Le Mans)

Tire warming systems may not be used

Compound for the Hyperpole session: medium

### RAIN TIRES



Soft compound  
Wet conditions  
Versatile

A single type  
of rain tire

### SLICKS ALLOCATION

**FREE PRACTICE** 12 TIRES

**HYPERPOLE** 4 TIRES

**QUALIFYING + RACE** 18 TIRES

**SIZES: FRONT: 29/71-18 • REAR: 34/71-18**

Width (cm) / Exterior Diameter (cm) – Interior Diameter (inches)

### TECHNICAL REQUIREMENTS

	<b>PRESSURE</b>	<b>CAMBER</b>
<b>FRONT</b>	1.7 bar (24.7psi) minimum	Between -3.0° and -1.0°
<b>REAR</b>	1.7 bar (24.7psi) minimum	Between -2.7° and -1.0°



**HYPERCAR****MICHELIN PARTNERS**

18 HYPERCAR PROTOTYPES REPRESENTING 8 MANUFACTURERS

**ASTON MARTIN THOR TEAM**ASTON MARTIN VALKYRIE AMR  
(LMH)Power unit: 6.5-liter  
normally-aspirated V12  
Power: 500kWFront-wheel drive propulsion  
Seven-speed Xtrac sequential  
gearbox

#007


 H. TINCKNELL  
 T. GAMBLE

#009


 A. RIBERAS  
 M. SORENSEN
**PORSCHE PENSKE MOTORSPORT**PORSCHE 963  
(LMDH)Power unit: 4.6-liter V8 bi-turbo  
+ Bosch MGU (rear wheels)  
Power: 500kW + 50kWTwo-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#5


 J. ANDLAUER  
 M. CHRISTENSEN  
 M. JAMINET

#6


 K. ESTRE  
 L. VANTHOOR  
 M. CAMPBELL
**TOYOTA GAZOO RACING**TOYOTA GR010 HYBRID  
(LMH)Power unit: 3.5-liter V6 bi-turbo +  
Toyota Hybrid System (front wheels)  
Power: 500kW + 200kWFour-wheel drive  
propulsion Seven-speed  
Xtrac sequential gearbox

#7


 M. CONWAY  
 K. KOBAYASHI  
 N. DE VRIES

#8


 S. BUEMI  
 B. HARTLEY  
 R. HIRAKAWA
**BMW M TEAM WRT**BMW M HYBRID V8  
(LMDH)Power unit: 4-liter V8 bi-turbo +  
Bosch MGU (rear wheels)  
Power: 477kW + 50kWTwo-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#15


 D. VANTHOOR  
 R. MARCIELLO  
 K. MAGNUSSEN

#20


 R. RAST  
 M. WITTMANN  
 S. VAN DER LINDE
**ALPINE ENDURANCE TEAM**ALPINE A424  
(LMDH)Power unit: 3.4-liter V6 turbo  
+ Bosch MGU (rear wheels)  
Power: 500kW + 50kWTwo-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#35


 P-L. CHATIN  
 C. MILES  
 F. HABSBURG

#36


 J. GOUNON  
 F. MAKOWIECKI  
 M. SCHUMACHER


## CADILLAC HERTZ TEAM JOTA

CADILLAC V-SERIES.R  
(LMDH)



Power unit: 5.5-liter V8 + Bosch  
MGU (rear wheels)  
Power: 500kW + 50kW



Two-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#12



A. LYNN  
 N. NATO  
 W. STEVENS

#38



E. BAMBER  
 S. BOURDAIS  
 J. BUTTON

## FERRARI AF CORSE

FERRARI 499P  
(LMH)



Power unit: 3-liter V6 bi-turbo +  
hybrid system (front wheels)  
Power: 500kW + 200kW



Four-wheel drive  
propulsion Seven-speed  
Xtrac sequential gearbox

#50



A. FUOCO  
 M. MOLINA  
 N. NIELSEN

#51



A. PIER GUIDI  
 J. CALADO  
 A. GIOVINAZZI

## PEUGEOT TOTALENERGIES

PEUGEOT 9X8  
(LMH)



Power unit: 2.5-liter V6 bi-turbo +  
Peugeot MGU (front wheels)  
Power: 500kW + 200kW



Four-wheel drive  
Seven-speed Sadev  
sequential gearbox

#93



P. DI RESTA  
 M. JENSEN  
 J-É. VERGNE

#94



L. DUVAL  
 M. JAKOBSEN  
 S. VANDOORNE

## AF CORSE

FERRARI 499P  
(LMH)



Power unit: 3-liter V6 bi-turbo  
+ hybrid system (front wheels)  
Power: 500kW + 200kW

#83



Four-wheel drive  
propulsion Seven-speed  
Xtrac sequential gearbox

R. KUBICA  
 Y. YE  
 P. HANSON

## PROTON COMPETITION

PORSCHE 963  
(LMDH)



Power unit: 4.6-liter V8  
bi-turbo + Bosch MGU (rear  
wheels)  
Power: 500kW + 50kW

#99



Two-wheel drive  
Seven-speed Xtrac  
sequential gearbox










N. JANI  
 N. PINO  
 N. VARRONE



# HYPERCAR STANDINGS

## FIA WORLD ENDURANCE HYPERCAR CHAMPIONSHIP

MANUFACTURERS		R1 28/02	R2 20/04	R3 10/05	R4 14-15/06	R5 13/07	R6 7/09	R7 28/09	R8 8/11	TOTAL
1 <sup>st</sup>	FERRARI		66	26	43	36	3			175
2 <sup>nd</sup>	CADILLAC		9	2	18	47	44			120
3 <sup>rd</sup>	PORSCHE		5	7	2	70	27			111

DRIVERS		R1 28/02	R2 20/04	R3 10/05	R4 14-15/06	R5 13/07	R6 7/09	R7 28/09	R8 8/11	TOTAL
1 <sup>st</sup>	ALESSANDRO PIER GUIDI		24	26	25	30	0			105
1 <sup>st</sup>	ANTONIO GIOVINAZZI		24	26	25	30	0			105
1 <sup>st</sup>	JAMES CALADO		24	26	25	30	0			105
2 <sup>nd</sup>	PHILIP HANSON		27	12	0	50	4			93
2 <sup>nd</sup>	ROBERT KUBICA		27	12	0	50	4			93
2 <sup>nd</sup>	YIFEI YE		27	12	0	50	4			93
3 <sup>rd</sup>	ALEX LYNN		6	1	10	25	26			68
3 <sup>rd</sup>	NORMAN NATO		6	1	10	25	26			68
3 <sup>rd</sup>	WILL STEVENS		6	1	10	25	26			68



## AUSTIN AND CIRCUIT OF THE AMERICAS TRIVIA

Circuit of The Americas (CoTA) is situated in Elroy, close to the Texan capital Austin

CoTA has hosted Formula 1 and MotoGP™ action since 2012 and 2013 respectively

In 2019, the circuit held an IndyCar race for the first time

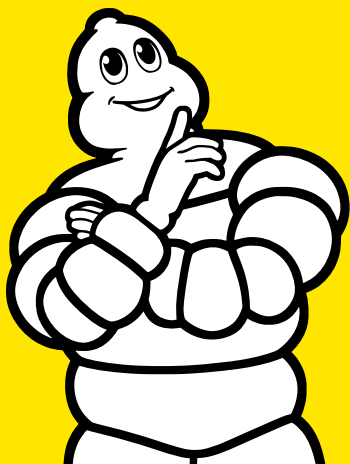
The 76-meter tower at Turn 17 was designed by Miro Rivera Architects

Austin is sometimes referred to as Silicon Hills due to the presence of businesses like Dell, Apple, HP, IBM, etc.

The University of Texas campus has more than 50,000 students

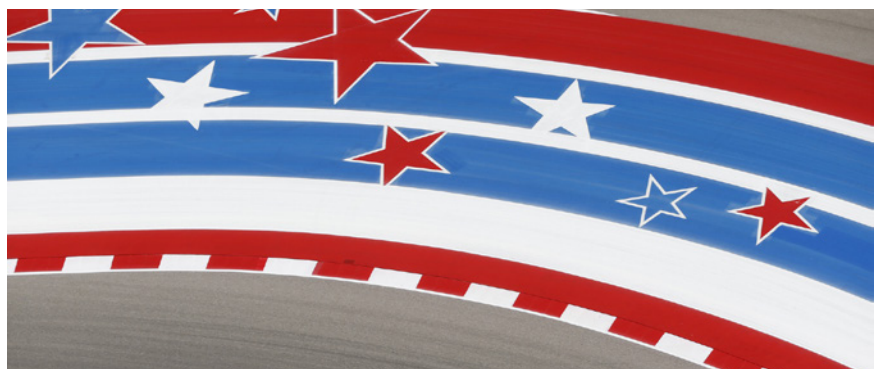
Austin is one of the USA's sunniest cities (around 300 days per year)

The Texas State Capitol (94m tall) is bigger and taller than that of Washington DC



## MICHELIN AND CIRCUIT OF THE AMERICAS

- » With Audi, Michelin won the first endurance race to be held at CoTA, in 2013 (Kristensen/McNish/Duval)
- » Three Michelin wins in a row with Porsche in 2015, 2016 and 2017
- » Michelin won the 2020 race with Rebellion's non-hybrid LMP1 prototype
- » Michelin has won the MotoGP™ round at CoTA nine times, including four with Marc Márquez
- » Michelin has also won at CoTA in IMSA's North American endurance racing series





# 2025 CALENDAR

**R1 QATAR 1812 KM**  
(Qatar) February 28

**R2 6 HOURS OF IMOLA**  
(Italy) April 20

**R3 6 HOURS OF SPA-FRANCORCHAMPS**  
(Belgium) May 10

**R4 LE MANS 24 HOURS**  
(France) June 14-15

**R5 6 HOURS OF SAO PAULO**  
(Brazil) July 13

**R6 LONE STAR LE MANS**  
(USA) September 7

**R7 6 HOURS OF FUJI**  
(Japan) September 28

**R8 8 HOURS OF BAHRAIN**  
(Sakhir) November 8



## FIA WEC TIRE REGULATIONS

### SPECIFICATIONS

Number of specifications for dry-weather tires			Number of specifications for wet-weather tires
Le Mans 24 Hours	Other races	Total over the season	
3	2	3	1

### HYPERCAR ALLOCATION

The maximum number of dryweather tires that can be used during a Competition is defined as follows:

Free Practice	Hyperpole*	Qualifying + Race		
		6-hour races	8-hour races	10-hour races*
12	4	18	26	32

- For free practice sessions, from the beginning of the practice sessions.
- For the qualifying session and the race, from the start of the qualifying session.
- For the Hyperpole from the start of the session. Tires allocated for Hyperpole must be used only and exclusively for the Hyperpole session.
- To go from the pit lane to the starting grid before the start of the race, the tires used can be either dry-weather tires or wetweather tires and will not be counted in the allocation.
- At the start of a Competition, any dry weather tires used must be new.

### WET-WEATHER TIRES

The number of wet-weather tires usable during a Competition is not limited.

During practices and the race, wetweather tires can only be used once the track has been declared wet by the Clerk of the Course / Race Director.

Tires for wet weather may have been already used and must be of the specification declared by the tire manufacturer.

### OTHER FACTS

Any process that involves a direct or indirect attempt at modifying the temperature of a tire (compared to the ambient temperature) is forbidden.

Use of storage tents in designated areas is permitted only if they are always ventilated with ambient air and accessible.

**Infringement of the tire allowance:** Stop & Go of 2 minutes per tire.

**Infringement of the tire heating rules:** Stop & Go of 3 minutes during the race.

**Four mechanics and two tire guns allowed** for wheel changes during pit stops. Wheel changes are only allowed when the car is not being refueled.

**Only one tire technician is allowed** to measure tire temperatures and pressures.

**Tire changes may only be carried out on the starting grid up to the five-minute board**, in front of the garage or inside the garage if significant work is being undertaken on the car, on the track in the case of a suspension of the race.

**Each tire must be identified by RFID and barcode.** All references must be declared to the Technical Delegate at least 48 hours before the start of the Competition.



# OFFICIAL LONG LASTING PERFORMANCE SUPPLIER



## **MICHELIN PILOT SPORT**

Unbeaten in the FIA World Endurance Championship since 2012, you too can benefit from the grip and precision delivered by the MICHELIN Pilot Sport on the road as well!

From left to right, MICHELIN Pilot Sport (the Hypercar category tire in the FIA World Endurance Championship), MICHELIN Pilot Sport<sup>S</sup>, MICHELIN Pilot Sport<sup>®</sup>.



**MICHELIN**