

MICHELIN PILOT SPORT

NEW

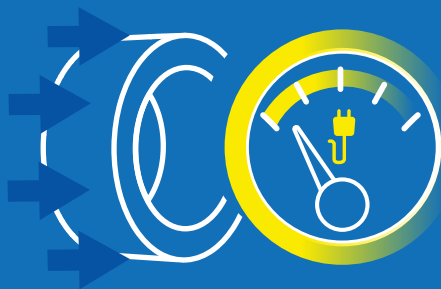
LIGHTER THAN EVER

In motor racing, saving weight is an ongoing objective, not only when it comes to optimising performance but also in environmental terms. Using fewer raw materials means there is less mass to carry to race tracks, and also less to recycle. Compared with the first-generation Formula E tyre, the new front MICHELIN Pilot Sport tips the scales at 2kg less, while the rear is 2.5kg lighter! That's a saving of approximately 9kg – almost 20 percent – per set of four!



* the weight of a front tyre

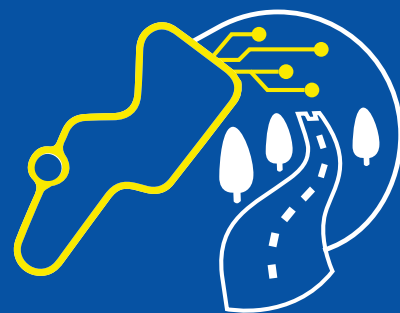
ENHANCED ENERGY EFFICIENCY



Tyres have a direct impact on the travelling range of all vehicles, so Michelin has worked on the construction and rolling resistance of the latest-generation MICHELIN Pilot Sport to optimise its energy efficiency. The new tyre will consequently allow the Formula E single-seaters to race even further, without sacrificing either performance or driver safety.

EVEN MORE SIMILAR TO ROAD TYRES

Thanks to its patterned tread and interior diameter of 18 inches, the MICHELIN Pilot Sport resembles a road tyre. The only sign that it is actually intended for racing is the graphic design visible on its sidewalls. Even so, its construction and the compounds selected for its tread conceal significant technological innovations that could well be carried over to production tyres in the future.



A NEW-GENERATION FORMULA E TYRE

The ABB FIA Formula E Championship, which was first organised in 2014/2015, is on the verge of its first major revolution with the introduction of new futuristic cars and in-depth changes to their technical specification for Season 5 (2018/2019). To accompany this switch, Michelin has produced a new-generation tyre

that sets fresh standards in the world of racing tyres. Easily recognisable by the graphic motif visible on its flanks, the MICHELIN Pilot Sport is both lighter and more energy-efficient thanks to an ambitious development programme.

TECHNICAL DATA

Size (front/rear) : 24/64-18 / 27/68-18
This is equivalent to 245/40R18 / 305/40R18
Side wall height (front/rear) : 40 %
(98 mm AV, et 122 mm AR)

Exterior diameter : 18 inches
Type of tread pattern : asymmetric, non-directional
Usage : wet or dry weather