

MICHELIN® UPTIS PROTOTYPE

(Unique Puncture-proof Tire System)

A new step toward tomorrow's sustainable mobility and a mainstream reality on passenger vehicles by 2024

Michelin Uptis is an airless mobility solution for passenger vehicles, which reduces the risk of flat tires and other air loss failures that result from punctures or road hazards.

The breakthrough airless technology of the Michelin Uptis also reduces the need for regular air pressure checks and reduces the need for other routine maintenance.

Michelin Uptis is designed to withstand the weight and speeds of passenger vehicles and is especially well-suited to new forms of mobility, including autonomous and electric vehicles.

Michelin Uptis represents a major advancement toward achieving Michelin's VISION concept, which includes four pillars of innovation: airless, connected, 3D-printed, and 100% sustainable (renewable and bio-sourced).



Aluminum wheel assembly

Composite rubber and proprietary innovative high-strength resin embedded fiberglass

Designed with renowned car manufacturers for passenger car performance



AIRLESS TECHNOLOGY
No flats | Reduced maintenance



SUPPORTS VISION CONCEPT
Airless | Connected | 3D-printed
Using renewable and bio-sourced materials



MADE FOR PASSENGER VEHICLES
Ideal for autonomous + electric vehicles