

Boulogne-Billancourt – April 30, 2021

## MICHELIN X Incity EV Z, the first range of Michelin tires specifically designed for electric buses

- MICHELIN X Incity EV Z: a range combining safety, longevity, respect for the environment and increased load capacity
- Delivering a very good level of performance on traditional buses
- A standard size that can be adapted to market needs

Starting May 1, Michelin will market its first range of electric bus tires that can also be adapted for use on traditional urban and suburban vehicles: MICHELIN X Incity EV Z. Initially designed for electric vehicles, the MICHELIN X Incity EV Z tire range is especially efficient when used on traditional buses.

While 5,000 electric buses are in use in Europe today, there will be ten times more on the road only five years from now. With this new tire range, Michelin is supporting the transition towards cleaner, more efficient and more independent electric mobility solutions. That is a key factor in achieving sustainable cities.

To handle the weight of electric buses, which are heavier due to their batteries, MICHELIN X Incity EV Z tires have an increased load capacity of up to 8 tonnes<sup>(1)</sup>.



In the interest of continually enhancing safety, particular attention has been paid to protecting the tire sidewalls, as they are regularly in contact with sidewalk edges. A wear indicator on the side indicates when the tires need to be rotated.

Thanks to MICHELIN Regenion technology, the MICHELIN X Incity EV Z range is built with a progressive tread design that delivers longitudinal and lateral grip.

The 10% <sup>(2)</sup> greater longevity of MICHELIN X Incity EV Z tires, combined with their 13% <sup>(3)</sup> better rolling resistance and increased load capacity make a great combination for reducing fleet operating costs.

Michelin has decided on a standard size to facilitate fleet management: 275/70 R 22.5 152/149J.

(1) Comparison of Load Index between 275/70 R 22.5 MICHELIN X® INCITY™ EV Z (152/149J) versus MICHELIN X® INCITY™ XZU (148/145J). Up to 8 tons due to the +15% load capacity as defined in ETRTO for urban usages (LI 152 for single fitment = 7100kg + 15% = 8165 kg on front axle).

(2) Internal measurement performed in 2020 of mileage thanks to Forcion technology, in comparison with 275/70 R 22.5 MICHELIN X® INCITY™ XZU.

(3) Internal measurements of rolling resistance of 275/70 R 22.5 MICHELIN X® INCITY™ EV Z, class C, in comparison with 275/70 R 22.5 MICHELIN X® INCITY™ XZU, class D (+13%), and in comparison with 275/70 R 22.5 MICHELIN X® INCITY™ HLZ, class D (+5%). (3)

## GROUP

Designed to be regroovable and retreadable, this range is marked 3PMSF, which attests to its high level of grip on snow-covered roads.

All of the MICHELIN X Incity EV Z tire's performance features reflect the combined benefits of five main innovative, patented technologies.

CASING	CASING	CASING	COMPOUND	TREAD PATTERN
				
<b>INFINICOIL</b>	<b>POWERCOIL</b>	<b>DURACOIL</b>	<b>FORCION</b>	<b>REGENION</b>
<p>A continuous steel wire – which can be as long as 400 meters – wrapped around the tyre to provide it with greater stability throughout its lifetime.</p> <p>On top of benchmark endurance, tyres designed with INFINICOIL get you more mileage.</p>	<p>A new generation of more robust steel cables offers a better oxidation resistance and enhances the casing endurance.</p>	<p>A nylon fabric wrapped around the bead instead of rubber enhances the bead area stability and endurance. It strengthens the tyre bend endurance thus helping maximizing the casing life.</p>	<p>A new material resulting from an innovative agent that enhances the rubber reinforcement and provides a more cohesive compound. This material increases mileage performance of the tyre.</p> <p>It also provides greater resistance against abrasions, cuts and chips.</p>	<p>Self-regenerating tread blocks, supported by our mold 3D metal printing techniques, providing solid grip throughout tyre's lifetime and conditions.</p>

Photos and/or attachments available on:

<https://contentcenter.michelin.com/portal/shared-board/bce33813-576b-47fb-9e5c-4432d3e8060f>

Michelin, the leading mobility company, is dedicated to enhancing its clients' mobility, sustainably; designing and distributing the most suitable tires, services and solutions for its clients' needs; providing digital services, maps and guides to help enrich trips and travels and make them unique experiences; and developing high-technology materials that serve a variety of industries. Headquartered in Clermont-Ferrand, France, Michelin is present in 170 countries, has 123,600 employees and operates 71 tire production facilities which together produced around 170 million tires in 2020. ([www.michelin.com](http://www.michelin.com))

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