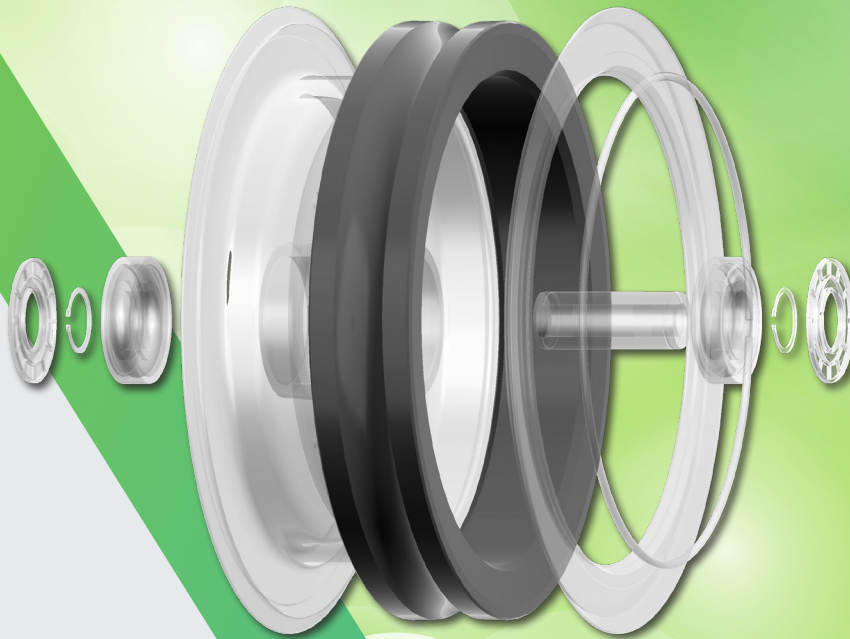




MICHELIN

Two French companies, leaders in their field, have joined forces to offer a new innovative exclusive liner with a low environmental impact over its entire life cycle.



► 2 patents

► doubled lifetime expectancy on an LP07 LCI roller battery

► up to 10% energy savings, the equivalent of 60 European households for each year of operation of an urban gondola lift

► up to 15 tons of CO₂ saved per year on an urban gondola lift in France

► 15% less vibrations, less noise

► tested up to 7 m/s

► already made of 16% sustainable materials (bio-based)

Compatible ✓ new ropeways ✓ existing ropeways

The performance benefits were validated during comparative tests conducted in 2021 by Michelin and POMA R&D teams.

* compared with a French urban gondola lift not equipped with Michelin liners



DESCRIPTION

The new POMA liners developed jointly with Michelin offer better performance for an even more sustainable mobility.

EFFILINER® liners can be used on line supports and horizontal deflection rollers in stations.

Innovation partnership:

On April 28th, 2022, POMA and Michelin Groups formalized a long-term partnership to provide innovative solutions for even more sustainable ropeway mobility.

By combining their expertise, the two companies have reaffirmed their commitment to keep industrial know-how in France.

FEATURES & BENEFITS

Features and performance

Significantly increased load capacity for use on the Endurance® roller battery, while maintaining the same lifetime expectancy.

15% reduction in vibrations for better dynamic and acoustic comfort in line and in the station.

Maintenance

Doubled lifetime expectancy under equivalent load on LP07 LCI roller battery, making it

possible to postpone the liner replacement. Controlled maintenance costs thanks to Michelin's lifetime warranty.

Michelin Expertise

Rubber compounding specifically developed for POMA cable transport systems.

2 registered patents.

ENVIRONMENT

- ▶ Joint POMA and Michelin design. Made of 16% sustainable materials (bio-based) with the goal to reach 50% in the future.
- ▶ Allows line configurations with fewer rollers, more compact roller batteries and potentially fewer towers, when used on Endurance® roller battery (increased roller load compared to LP07 LCI roller battery).
- ▶ Manufactured in France by Michelin, exclusively for POMA. Low-carbon manufacturing process.
- ▶ Doubled lifetime expectancy (Michelin warranty) on an LP07 LCI roller battery. Up to 10% overall energy savings.
- ▶ Recyclable and/or reusable materials. End-of-life recovery and reuse channels.

