Continental Reduces CO_2 Footprint of PVC-Based Products

PUBLISHED NOV 13, 2025
BY CONTINENTAL AG

Strategic supplier INEOS Inovyn enables significant emission reduction in PVC products of Continental's group sector ContiTech

- CO_2 reduction through renewable energy and certified supply chain in PVC production at INEOS Inovyn

- Improved PVC formulation is used in a wide range of industrial applications – from food hoses to vehicle interiors

Hanover, November 13. Continental is consistently pushing ahead with the use of more sustainable materials in its product portfolio. In the future, the Continental group sector ContiTech will convert the majority of its PVC-based products to INEOS Inovyn's CO_2-optimized NEOVYNTM PVC. The material used has a product carbon footprint that is around 37% lower than the European industry average for conventional PVC. This will be made possible by targeted decarbonisation measures by INEOS Inovyn – in particular through the use of renewable energies such as hydropower, wind energy and solar power, as well as low-carbon hydrogen in production.

In the future, the new PVC formulation will be used in a wide range of Continental products – including food hoses, conveyor belts for mining, and fasteners and seals for the chemical and construction industries. Functional and design-oriented surface solutions in vehicles, ships and buildings around the world are also equipped with the new material as standard.

Strategic importance of PVC at Continental

In addition to rubber, PVC (polyvinyl chloride) is one of the key materials in the portfolio of Continental´s group sector ContiTech, which specializes in material-driven solutions. As a thermoplastic polymer, PVC is characterized by versatility, formability and economical processing. Accordingly, it is used in numerous industries.

Against the backdrop of increasing demands on the CO_2 balance of products and supply chains, the targeted use of materials with a reduced product carbon footprint is becoming increasingly important.

> Decarbonization starts with the materials. With CO_2-optimized PVC from INEOS Inovyn, we are focusing specifically on lower-emission solutions that can be integrated into our series production without sacrificing quality,

explains Christian Dohmen, who is responsible for global Rubber & Chemicals Purchasing at ContiTech.

> This is measurable progress in our strategic use of materials and at the same time an expression of a more sustainable purchasing decision. By switching to the new PVC alone, we will achieve an emission reduction of around 31.5% in the future compared to the previous PVC range in relation to the quantities used in 2024. A clear signal to our customers, who are increasingly relying on more climate-friendly and recyclable products.

How INEOS Inovyn is reducing PVC's carbon footprint

The reduced product carbon footprint of NEOVYNTM PVC supplied by INEOS Inovyn is based on a series of targeted decarbonisation measures along the entire value chain. A key lever is the consistent switch to renewable energies: The production sites use locally available sources such as hydropower from Norway, wind energy from the North Sea and a modern photovoltaic system in Jemeppe, Belgium. This is complemented by the use of low-carbon hydrogen.

In addition, the entire supply chain is certified according to the International Sustainability and Carbon Certification (ISCC) PLUS standard. The internationally recognized sustainability certification certifies compliance with and documentation of certain processes for the mass balancing of raw materials and ensures the traceability of the renewable and recycled raw materials used.

“Through NEOVYN™, we are providing our customers with an advanced PVC solution that significantly reduces the CO_2 footprint and helps them achieve their sustainability goals. It is exciting to see global companies like Continental make such a strong and clear commitment to environmentally responsible products, demonstrating

our shared ambition to deliver low carbon solutions" says Arnaud Valenduc, Business Director INEOS Inovyn.

Next steps for more sustainable materials at Continental

With the use of NEOVYN™ PVC, Continental has reached an important milestone on the way to more sustainable material use. The focus is not only on PVC, but also on other materials that can contribute to the reduction of CO_2 emissions through the use of renewable energies and recyclable raw materials. For example, Continental is also working on increasing the proportion of renewable and recycled raw materials in its rubber compounds and on further developing innovative solutions in the field of rubber recycling. The aim is to integrate further basic materials with an improved CO_2 footprint into series production in the future. Another step in this direction: In the industrial sector, Continental has so far achieved ISCC PLUS certification for its Eislingen and Waltershausen sites, with additional locations to follow.

Press release distributed by Wire Association on behalf of Continental AG, on Nov 13, 2025. For more information subscribe and follow us.

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Website: https://www.continental.com/

Primary Email: silke.bernhardt@conti.de

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