

## Media Release

Voith Paper

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### **Bio-based SolarFlow Green suction press roll cover ensures more sustainable paper production**

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- First suction press roll cover certified according to DIN CERTCO for bio-based products
- Another successful step in the development of sustainable products as part of the Papermaking for Life program
- The cover enables more resource-friendly production
- Optimal drainage and functional reliability

**HEIDENHEIM, GERMANY.** With SolarFlow Green, Voith is setting yet another standard for paper manufacturing products made of renewable raw materials. The suction press roll cover is certified according to the internationally recognized DIN CERTCO standard for bio-based products. The cover combines all the advantages of the proven SolarFlow technology while simultaneously reducing the carbon footprint. This innovation is in line with Voith's long-standing commitment and ambitious goals to promote sustainability in both paper manufacturing and its own production.

SolarFlow Green is a premium polyurethane roll cover and boasts a maximum void volume that remains constant over a long operating period. "Achieving a high dry content is extremely important to us," says Robin Linney, Palm Paper plant manager at King's Lynn. "Thanks to SolarFlow Green, we were able to implement our customized surface design, resulting in a high void volume and maximum dewatering in the press section. We achieve this using resource-friendly, sustainable materials. It's a winning combination for us."

The polyurethane material with its biobased component also gives the press roll cover a high degree of stability that can withstand extreme nip

conditions. This enables not only fast machine speeds with a high dry content but also low energy consumption at the same time.

“With SolarFlow Green, we are the first manufacturer with the ability to offer our customers a suction press roll cover made of biobased materials that has been certified by DIN CERTCO. We look forward to working together with our customers to make paper production even more sustainable and resource-friendly in the future,” says Dr. Christina Bauer, Global Product Manager for Press Roll Covers at Voith.

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## **Papermaking for Life sustainability program**

The sustainability of our own activities is a main emphasis of the Papermaking for Life sustainability program. As part of our innovation and development offensive, Voith Paper is introducing a wide range of technologies and initiatives that will lead to more efficient and sustainable processes in paper production. The key focus is on the areas of water, energy, and fiber savings, digitization, innovations, and partnerships as levers for more sustainable production. Find out more about Voith Paper's commitment to sustainability here: <https://voith.com/corp-en/industry-solutions/papermaking/papermaking-for-life/own-activities.html>

## **About DIN CERTCO**

DIN CERTCO is the certification company of the TÜV Rhineland Group and the certification body for issuing the DIN mark and other certification marks. The internationally recognized “DIN-Geprüft biobased” (“DIN-tested biobased”) label confirms that renewable raw materials are used in the production of a product.

## **About the Voith Group**

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive. Founded in 1867, the company today has around 22,000 employees, sales of €5.5 billion and locations in more than 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

The Group Division Voith Paper is part of the Voith Group. As the full-line supplier to the paper industry, it provides the largest range of technologies, services and products on the market, and offers paper manufacturers integrated solutions from a single source. The company's continuous stream of innovations facilitates resource-conserving production and supports customers in significantly reducing their carbon footprint. With its

comprehensive automation products and leading digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve the availability and efficiency of their systems in all sections of the production process.

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SolarFlow Green from Voith is the first suction press roll cover to be certified according to DIN CERTCO for biobased products.

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