

Media Release

Voith Paper

Mailing address:

J.M. Voith SE & Co KG
Global Communications Voith Paper
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Phone +49 7321 37-9940
www.voith.com

Voith introduces new CellPress roll cover for chemically demanding applications in pulp production

2025-09-22

- Maximum chemical and thermal resistance for demanding applications
- Longer service life and lower maintenance costs
- Savings of USD 30,000 per year for a South American pulp producer

HEIDENHEIM, GERMANY. With CellPress, Voith brings a roll cover to the market that specifically counteracts early wear of roll covers caused by chemicals and high temperatures. The solution was developed for applications in pulp dewatering machines that operate under particularly demanding chemical and thermal conditions. End users report significantly reduced susceptibility to contamination, high wear resistance and longer service life with measurable effects on operating costs.

The performance improvements can be attributed primarily to the robust material properties of CellPress. The low water absorption of the cover reduces the risk of swelling and mechanical deformation. At the same time, the material shows low reactivity to typical process chemicals such as oxygen, ozone, chlorinated components, sodium hydrogen sulfide and methanol. This slows down material-related aging, keeps hardness constant over long periods of time and supports consistent dewatering performance. Due to its high temperature resistance up to 140°C, CellPress is also suitable for positions subject to high thermal load, for example near steam boxes.

CellPress has already been applied successfully in several positions. In a South American pulp production facility, the lump breaker cover was in very good condition after 15 months of operation, allowing it to be reground and reused. This resulted in annual savings of around USD 30,000 for the

operator. In a European twin wire press, fabric life was increased from 180 to 260 days despite the highly loaded operating position.

“The outstanding material properties ensure that CellPress can be reliably reused. This enables us to provide our customers in pulp production with a real performance driver that combines efficiency and sustainability,” says Ralf Moser, Global Product Manager Finishing at Voith Paper.

Voith Paper

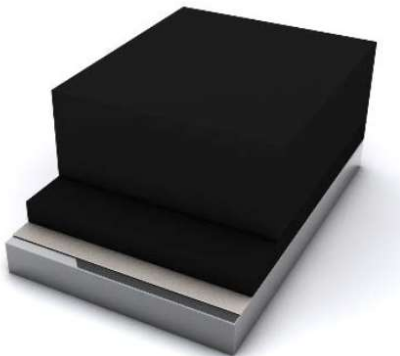
Mailing address:
J.M. Voith SE & Co KG
Global Communications Voith Paper
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Phone +49 7321 37-9940
www.voith.com

Page 2 of 3

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. Founded in 1867, Voith today has around 22,000 employees, sales of € 5.2 billion and locations in over 60 countries worldwide and thus is 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 holistic solutions from one source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize their carbon footprint. With its leading automation products and digitalization solutions from the Papermaking 4.0 portfolio, Voith offers its customers state-of-the-art digital technologies to improve plant availability and efficiency for all sections of the production process.



Voith's CellPress roll cover prevents early wear of roll covers caused by chemicals and high temperatures.

Contact

Tamara Lemm

Junior Manager Global Communication Voith Paper

Tel. +49 7321 37 9940

tamara.lemm@voith.com

Voith Paper

Mailing address:

J.M. Voith SE & Co KG

Global Communications Voith Paper

St. Poeltener Strasse 43

89522 Heidenheim, Germany

Phone +49 7321 37-9940

www.voith.com

Page 3 of 3

LinkedIn

<https://www.linkedin.com/company/voithgroup>

<https://www.linkedin.com/company/voith-hydro>

<https://www.linkedin.com/company/voith-paper>

<https://www.linkedin.com/company/voith-turbo>

YouTube

<https://www.youtube.com/voithgroup>

Instagram

<https://www.instagram.com/voithgroup>

<https://www.instagram.com/voith.paper>

Facebook

<https://www.facebook.com/VoithGlobal>