

Media Release

Voith Group

Mailing address:
Voith GmbH & Co. KGaA
Group Communications
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Tel. +49 7321 37-2320
Fax +49 7321 37-7110
www.voith.com

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SupremeFilm: Voith launches new premium polyurethane roll cover for film presses

- Stable run times and uniform profile 2-sigma thanks to very high abrasion resistance
- High film transfer rates for ideal application
- Transfer of proven technology from press section to film presses

HEIDENHEIM, Germany. With SupremeFilm, Voith is enhancing its product range for film presses with a new high-performance roll cover made from polyurethane (PU).

To positively influence paper characteristics like printability, coating and starch are applied to the paper in the coating and sizing section using applicator units. Voith's new SupremeFilm roll cover works well in the Voith Speed Sizer AT, and is also suitable for challenging applications in film presses produced by other manufacturers.

"For years, PU roll covers have been successful high-end solutions for the press section," explains Ralf Moser, Global Product Manager Finishing Section at Voith. "We are now exploiting the excellent qualities of this material, which we have adapted specifically to the requirements of the film press."

SupremeFilm is characterized by an extremely homogeneous and constant film transfer. Beyond that, it retains its surface roughness over its entire service life thanks to Voith's innovative filler material concept. This ensures ideal application for paper grades with high quality specifications. Moreover, the PU material is highly abrasion-resistant, which results in longer grinding intervals and consistent profile 2-sigma values.

Sappi's Ehingen paper mill was one of the first customers to successfully use the new SupremeFilm roll cover in the film press. "We aim to be constantly evolving and continually making our production more efficient. To enable this, new technologies were necessary. This was also the reason why we opted to use a promising new development with Voith," says Dietmar Muser, Manager Paper Mill, Sappi Ehingen GmbH. "And this paid off, as the already very good results got even better. SupremeFilm allowed us to keep the 2-sigma profiles constant over an unprecedented installation period. This means that we achieved our main goal of producing perfect paper quality. In addition, we benefited from reduced maintenance costs and a longer run time between roll changes."

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For more information about SupremeFilm, visit the Voith website:

www.voith.com/rollcovers

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, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, the company today has more than 19,000 employees, sales of € 4.2 billion and locations in over 60 countries worldwide and is thus one of the large 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, components and products on the market and offers paper manufacturers solutions from one single source. The company's continuous stream of innovations takes papermaking to the next level and facilitates resource-conserving production. With its Servolution concept, Voith offers its customers tailored service solutions for all sections of the production process. Voith Papermaking 4.0 ensures that equipment is optimally connected, while the secure use of generated data enables paper manufacturers to improve plant availability and efficiency.



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SupremeFilm is Voith's new high-performance PU roll cover for film presses.



Dietmar Muser, Manager Paper Mill at Sappi Ehingen GmbH, is convinced of SupremeFilm.

Contact

Angelina Hegele
Group Communications
Voith GmbH & Co. KGaA
Tel. +49 7321 37-2320
Angelina.Hegele@voith.com

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