

Press Release

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Improved polyurethane roll cover from Voith ensures higher void volume

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Voith's new InForce polyurethane roll cover features high stability providing additional void volume with particularly deep and wide grooves for highly loaded positions. This additional benefit will not compromise the wear and abrasion resistance resulting into consistent dewatering during its complete operating cycle.

The strong material used in InForce means that the grooves exhibit virtually no deformation over time. The roll cover easily withstands extreme nip loads. As a result, the void volume remains constantly high over the entire lifecycle and ensures very good, consistent dewatering throughout.

InForce is the successor of Voith's successful G2000 roll cover and available in two hardness levels. The structure ensures high stability. The WebNet layer located between the polyurethane and base layer has a three-dimensional polymer matrix specially developed by Voith which can withstand high temperatures and mechanical and chemical loads and therefore offers maximum operating reliability.

Especially in highly loaded presses steel grooves are often the preferred choice. The hard nip that occurs when using steel rolls impairs the lifecycle of the fabric and can also cause quality issues with the paper. The stability of InForce withstands the high loads while still providing the benefits of a polyurethane cover: surfaces can be tailored to the application, fabrics are not impaired in comparison with steel grooves.

Further information is available on the Voith website at www.voith.com/paper. Voith Paper is also on [Twitter](#) and [YouTube](#).

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving products to reduce the use of energy, water, and fibers. Furthermore, Voith Paper offers a broad service portfolio for all sections of the paper manufacturing process.

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Voith sets standards in the markets energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith employs more than 43,000 people, generates € 5.7 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.

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