

Media Release

Voith Paper

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Infinity press felts – reliable high-performance fabrics for continuous use in the paper industry

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- Innovative modular concept allows customers to configure and order press felts to their exact requirements
- Characterized by exceptional uniformity and ease of seaming
- Dimensionally and performance stable in use, contributing significantly to paper machine efficiency

HEIDENHEIM, GERMANY. The Infinity press felt family from Voith is established globally as a very good choice for heavy-duty press felts in continuous operation, in both seamed and endless versions. Since its market launch in 2011, customers worldwide have placed their trust in Infinity press felts. Infinity's uncommon strength lies in its uniform and high-quality base fabric that ensures a laminar structure and secures the void volume over the entire operating life.

Examples of Infinity's success can be seen around the world. The felts were used in a plant in South America, leading to a significant reduction in steam consumption of 9.6 percent. In addition, a new record was set for the service life of the felts, as they only had to be replaced after 97 days. Thanks to the press felts from Voith, a three percent higher dry content was achieved on average. The products Kinetic 3 +Peak, Kinetic 3, Infinity 3 +Peak and Infinity 3 Pro +Peak were used.

The Infinity press felts combine outstanding performance and durability, enabling consistent and reliable results over the entire service life. The uniform structure of the base fabric ensures improved fiber anchorage and optimum dewatering. The option of receiving the press felts with or without a seam also offers flexibility in application. The perfectly shaped seam loops enable quick and easy installation and ensure exceptionally high dimensional stability during operation.

Regardless of their location, customers can order the customized technical textiles to the highest standards via the Voith Paper Webshop to meet their specific requirements.

Anne Klaschka, Global Product Manager, Press Section Fabrics at Voith Paper, summarizes: "Our Infinity family offers the best press felt product portfolio on the market. Our range is continuously growing to meet the diverse requirements of paper production."

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Product overview:

Infinity

- Most multifarious press felt on the market
- High quality base fabrics for especially uniform press felts
- Engineered seam zone

Infinity ToughLine

- Designed for the most demanding applications
- Endless and seamed variants available
- Innovative seam loops for quick and easy installation

Infinity KenosLine

- Designed to offer the highest void volume
- Robust single seam four innovative modular double layer structure
- Steady state production in low ph and high temperature conditions

Infinity FineLine

- Finest loops on the market for optimum seam closing
- Energy-efficient thanks to reduced thread diameter
- Suitable for sensitive paper types

Further information can be found at: <https://voith.com/corp-en/papermaking/infinity.html>.

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 over 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 one source. The company's continuous stream of innovations facilitates resource-conserving production and helps customers minimize 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 plant availability and efficiency for all sections of the production process.

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