

Media Release

Voith Paper

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Voith's new QualiFlex QView press sleeve reduces unplanned shutdowns and increases efficiency

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- Increases efficiency and saves cost as well as resources by preventive maintenance
- No paper contamination with oil due to early damage recognition
- Excellent running performance and crack resistance

HEIDENHEIM, GERMANY. Web breaks and paper jams are among the rare but real problems in paper production. With each such incident, invisible damage can arise inside the press sleeve. As the latest addition of the QualiFlex family, the QView press sleeve is designed to make inside damage visible and help papermakers take action before severe failures happen. The innovative press sleeve is the predictive maintenance solution for board and packaging paper machines and complements the proven and established portfolio of Voith QualiFlex press sleeves.

The advantages of QView are achieved by two unique and novel features. For the first time, dyed lubrication oil and a special-colored polyurethane are used for the press sleeve. Possible cracks in the press sleeve absorb the dyed oil and, when exposed to UV light, a strong contrast between the intact area with no oil and the damage becomes visible. Due to its special color, the innovative press sleeve allows the UV light to shine through and makes inspection as well as real predictive maintenance easier. Hence, QView functions as an early warning system and reduces unplanned paper machine shutdowns while increasing efficiency and saving costs.

“Not only does the QView press sleeve have an excellent running performance as well as good crack resistance, but it also helps to avoid oil leakage,” says Christina Bauer, Global Product Manager Press Section & QualiFlex at Voith Paper. “Combined with the damage detection at an early stage, the QView press sleeve makes the customer’s life much easier and saves resources.”

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 20,000 employees, sales of € 4.3 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

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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 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.



Due to its special properties and the use of UV light, Voith's QView makes invisible cracks in the press sleeve visible.

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