

Media Release

Voith Group

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Voith sets World Record with QualiFlex CrownT at Hayat Kimya Alabuga TM 4

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- New sleeve world record with a running time of 661 days
- Voith's QualiFlex extends its leading position for shoe press applications

HEIDENHEIM/TATARSTAN. Hayat Kimya Alabuga TM 4 sets a new world record by using Voith's QualiFlex CrownT sleeve on the ViscoNip application in Russia. The paper mill produces virgin fiber-based toilet paper, paper napkins and kitchen towels.

In December 2017, a QualiFlex CrownT sleeve was installed at Hayat Kimya TM 4 maintaining stable machine production during the entire sleeve lifetime. Voith's QualiFlex CrownT sleeve reached a world record life of 661 days and 473,810,000 nip cycles. The former world record sleeve on such an application was set in China, achieving 585 days.

The customer was very satisfied with the result. "My congratulations to the whole Voith team for this excellent result and belt quality. My personal thanks to Voith for the support and proper service during the runtime of this belt," says Mr. Lenar Safin, Tissue Production Chief at Hayat Kimya.

Press sleeves for every requirement

With QualiFlex CrownT, Voith offers a superior press sleeve for tissue shoe press applications which enables stable machine operating conditions and optimum efficiency. Selected polyurethane materials ensure the highest possible abrasion resistance under challenging high temperature conditions.

Compared to the conventional press sleeves, QualiFlex CrownT is especially designed for tissue applications. Conventional press sleeves show strong reactions to harsh conditions, and often suffer from hydrolysis, higher wear and reduced void volume.

With Voith's QualiFlex CrownT, open area and void volume can be designed exactly to the customer's needs. The special heat-resistant material formulation makes this press sleeve the perfect choice for very demanding applications.

Voith QualiFlex press sleeves extend the leading position for shoe press applications in the tissue sector.

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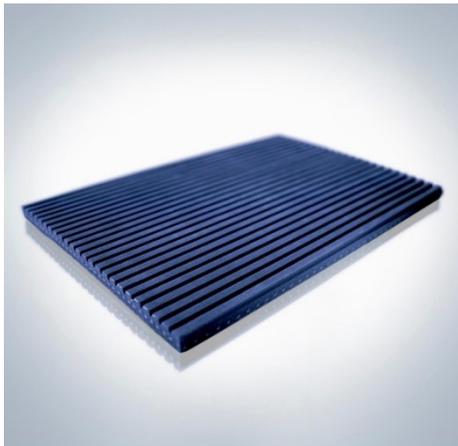
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About the Voith Group

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 € 4.3 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, 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.



Caption 1: Voith's QualiFlex CrownT sleeve.

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Caption 2: Hayat Kimya Site in Tatarstan, Russia.

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