

Media Release

Voith GmbH
Group Communication
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Tel. +49 7321 37-2749
Fax +49 7321 37-132749
www.voith.com

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Voith and Trützschler introduce new Safety Standard for Wet-laid Spunlaced Nonwovens Machines

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- **Basis for safe production of Nonwovens**
- **Combination of proven standards for paper and textile machines**
- **Standardization process by ISO initiated**

In the shape of standard VN 3260/TN 0790, Voith Paper and Trützschler Nonwovens have developed a new safety standard for wet-laid spunlaced (WLS) Nonwovens machines. The standard will help producers of Nonwovens to ensure safe and reliable operation of their machines. It also provides the basic prerequisite for meeting expectations in respect of production and quality.

Voith and Trützschler jointly developed the manufacturing process for wet-laid and hydroentangled Nonwovens. The machines on which the materials are produced consist partly of paper machine components and partly of components from Nonwoven machines. The manufacturing process for wet-laid Nonwovens is similar to that for producing paper: A suspension consisting of water and fibers up to 40 mm long is passed over a wire on which a homogeneous fiber mat forms. The hydroentangling or spunlacing process produces bonded Nonwovens that can be textured if required. Drying and winding of the Nonwovens are done on other machine components.

The newly developed standard combines various Voith and Trützschler safety standards for paper and textile machines in a new document and thus defines the safety requirements for new hybrid machines.

The safety standard has already been incorporated by the International Standardization Organization (ISO) as the basis for developing an international standard, so as to achieve greater impact at global level.



About Trützschler

With about 3000 employees, Trützschler is one of the world's leading textile machinery manufacturers. Trützschler specializes in machines, installations and accessories for spinning preparation, the nonwovens and man-made fiber industry. The headquarters of the more than 125 year old company is based in Mönchengladbach, Germany. Its main sites are located in Germany, India, China, Brazil, USA and Switzerland.

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Trützschler Nonwovens is part of Trützschler Nonwovens & Man-Made Fibers and was created through the merger of the long-established Fleissner, Erko and Bastian companies. The company provides solutions along the entire nonwovens process chain from bale opening, fiber blending, bonding down to finishing and winding, as well as for man-made filament spinning plants.

About Voith Paper

Voith Paper is a group division of Voith and is one of the leading partners and pioneers 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.

About Voith

For 150 years, Voith's technologies have been inspiring customers, business partners and employees around the world. Founded in 1867, Voith today has around 19,000 employees, sales of €4.3 billion and locations in more than 60 countries worldwide and is thus one of the largest family-owned companies in Europe. Being a technology leader, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive.

Contact Voith:

Matthias Herms

Global Market Communication Manager

Tel. +49 7321 37-2749

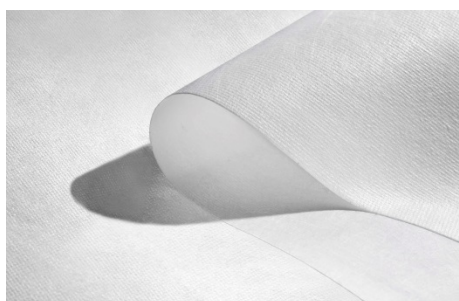
Matthias.Herms@Voith.com



Contact Trützschler:
Marc Wolpers
Managing Director Sales
Tel.: +49 6103-401-0
marc.wolpers@truetschler.de

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Voith and Trützschler present new safety standard for WLS facilities (machines for wet-laid spunlaced nonwovens).

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