



PRESS RELEASE

## ANDRITZ at Techtextil Russia 2021

*GRAZ, AUGUST 9, 2021.* International technology Group ANDRITZ will be presenting its innovative nonwovens production and textile solutions at Techtextil Russia 2021 in Moscow, Russia, from September 14–16, 2021 (hall 7.2 at Textima booth 72B10). The broad ANDRITZ product portfolio covers state-of-the-art nonwovens and textile production technologies such as air-through bonding, needlepunch, spunlace, spunbond, wetlaid/Wetlace™, converting, textile finishing, airlay, recycling, and natural fiber processing.

### RECYCLING TECHNOLOGIES BY ANDRITZ

Recently, ANDRITZ acquired Laroche SAS, a leading supplier of fiber processing technologies such as opening, blending, and dosing, airlay web forming, textile waste recycling, and decortication of bast fibers. The product portfolio further complements and enlarges the ANDRITZ Nonwoven product range. One focus of this product range lies on complete recycling lines for post-consumer and industrial textile waste to produce fibers for re-spinning and/or nonwoven end uses. Customer awareness and regulations are pushing apparel brands to recycle their waste in their own products. Recycled fibers can also be used in the nonwovens industry for various applications such as automotive, insulation, mattresses, and furniture felts. To support ANDRITZ customers, a process know-how team is at customers' disposal to conduct customized trials in our advanced technical center located at the ANDRITZ Laroche facilities.

### NEEDLEPUNCHED NONWOVENS MADE WITH ANDRITZ TECHNOLOGY – VERSATILE AND SUSTAINABLE QUALITY

Among the largest end-use markets for nonwoven products are materials for durable uses. Interior linings for cars, materials for construction, geotextiles, synthetic leathers for clothing and furniture, carpeting, filtration, and many other industries rely on the use of nonwovens produced using the needlepunch method.

ANDRITZ needlepunch technology provides customers with a full range of solutions. For needlepunch materials, the ANDRITZ ProWin™ web control system optimizes web distribution, uniformity, profile, and structure. The ProWin system is a smart combination of the ANDRITZ weight profiling control technologies – ProDyn™ and ProWid™ – used to gain the most advantages from both technologies in terms of fiber weight profiling on delivery to the crosslapper.

ENGINEERED SUCCESS





## **PRODUCTION OF BIO-WIPES USING VARIOUS ANDRITZ TECHNOLOGIES**

ANDRITZ Nonwoven's processes play a pioneering role in the production of biodegradable materials. For many years, ANDRITZ has offered different processes, like spunlace, Wetlace™ and Wetlace™ CP, all with one goal in mind: Elimination and reduction of plastic components while maintaining the high quality of the desired product properties. Such processes achieve high performance entirely with plastic-free raw materials. The added benefit of using a blend of fibers, like wood pulp, short-cut cellulosic fibers, viscose, cotton, hemp, bamboo or linen, without chemical additives results in a 100% sustainable fabric, thus meeting customers' needs exactly as well as supporting the strong tendency to move away from plastics and synthetics.

The latest development in this field is the ANDRITZ neXline wetlace CP line. This process combines the benefits of two forming technologies (inline drylaid and wetlaid web forming process) with bonding by hydroentanglement. Natural fibers, like pulp or viscose, can be processed smoothly and generate a high-performance and cost-efficient wipe that is fully biodegradable and plastic-free.

## **THE NEXT GENERATION IN TEXTILE CALENDERING**

The ANDRITZ teXcal Raconip TT sets new standards in textile processing for technical textiles, such as sportswear, workwear, canvas, and parachute fabric, both in terms of technological maturity and of design. The teXcal Raconip TT is aimed at customers who require versatility and operator-friendly handling along with excellent process stability in addition to constantly high manufacturing quality.

This innovative calender impresses with a deflection-controlled roll – the newly developed Raconip TT. It offers maximum flexibility thanks to unrestricted profiling across the entire fabric width by means of hydrostatic pistons. This guarantees highest quality, such as absolute flatness and precise air permeability.

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ANDRITZ neXline needlepunch production line



New neXline wetlace CP to produce pulp-based biodegradable wipes

### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

Press release and photo are available for download at [andritz.com/news](https://andritz.com/news). The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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### **ANDRITZ GROUP**

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. Plants for power generation, flue gas cleaning, recycling, and the production of nonwovens and panelboard complete the global product and service offering. Innovative products and services in the industrial digitalization sector are offered under the brand name Metris and help customers to make their plants more user-friendly, efficient and profitable. The publicly listed group has around 26,700 employees and more than 280 locations in over 40 countries.