Press Release

Oerlikon Nonwoven at the ANEX-SINCE in Shanghai

Focus on nonwoven products: the perfect manufacturing process for every application

Neumünster, June 23, 2021 – At this year's ANEX-SINCE in Shanghai, China, Oerlikon Nonwoven will be showcasing market- and customer-oriented solutions for hygiene and medical, filtration and other industrial applications. Between July 22 and 24, 2021, visitors to the trade fair will be presented with the Neumünster-based systems constructor's impressive and extensive, product and process know-how (Stand 1H20).

Comprehensive spunbond portfolio – always the right solution

Oerlikon Nonwoven meanwhile has a very broad range of spunbond technology products and services. The process for manufacturing geotextiles from polyester or polypropylene has been optimized; it is characterized by the superb production quality achievable and the high production capacities and yields for manufacturing innovative, future-oriented nonwoven products.

For the manufacture of hygiene and medical nonwovens, Oerlikon Nonwoven offers its new QSR (Quality Sized Right) systems. The advantage for nonwovens manufacturers: highly-competitive solutions, which can be combined with innovative features that enable differentiation within the market.

Quality – where it counts: flexibly and efficiently manufacturing meltblown nonwovens

New, unique and highly-sophisticated filter media and numerous other high-end nonwoven applications can be easily, flexibly and efficiently manufactured thanks to Oerlikon Nonwoven's optimized meltblown technology. Whether as a stand-alone system with one or several positions, as 'plug & produce' installations for already existing systems or in conjunction with other technologies: the Oerlikon Nonwoven meltblown process already enables the cost-efficient manufacture of meltblown nonwovens with the quality requirements of tomorrow. Ever more producers are choosing the meanwhile extensively tried-and-tested and consistently further-developed Oerlikon Nonwoven meltblown solutions.

Airlaid technology for the nonwovens of tomorrow

Pulp or cellulose fibers as raw material for manufacturing nonwovens are currently virtually unrivaled with regards to sustainability and environmental compatibility. The Oerlikon Nonwoven airlaid process is the ideal solution for processing this raw material into high-end products for a wide range of applica-

tions. Today, there is huge demand for manufacturing solutions for high-quality, lightweight airlaid nonwovens with economically-attractive production speeds and system throughputs. In this area, the patented Oerlikon Nonwoven formation process – which also permits the homogeneous mixing of the most diverse raw materials, while simultaneously guaranteeing superb evenness and homogeneous fiber laying – is setting standards even for nonwovens with low running meter weights. And the benefits of this technology are also increasingly gaining significance in sustainable recycling applications.

P&G-patented PHANTOM technology

Also being showcased at the trade fair stand is Oerlikon Nonwoven's P&G-patented PHANTOM technology for hygiene products and wipes. Oerlikon Nonwoven has a sole worldwide licensee for this technology. The PHANTOM technology is the superior alternative technology for manufacturing wet wipes from pulp and polymer fibers, for example. Compared to conventional, known processes, this technology offers ecological, performance and cost advantages, with consumer tests conducted across the globe confirming the material's superiority. And – as a result of dispensing with hydroentanglement with subsequent drying – the manufacturing process itself helps make this material more sustainable overall. Targeted process management allows the optimal setting of the relevant product parameters such as softness, tenacity, dirt absorption and liquid absorption.

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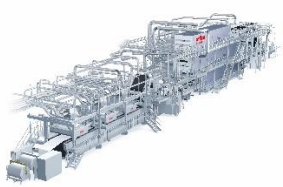
Caption: The Oerlikon Nonwoven Meltblown technology, a highly-competitive solution.



Caption: Also ideal for recycling – Oerlikon Nonwoven's airlaid technology

For more information:

Claudia Henkel
Marketing, Corporate Communications
& Public Affairs
Tel. +49 4321 305 105
Fax +49 4321 305 212
claudia.henkel@oerlikon.com

André Wissenberg
Marketing, Corporate Communications
& Public Affairs
Tel. +49 2191 67 2331
Fax +49 2191 67 1313
andre.wissenberg@oerlikon.com

About Oerlikon
Oerlikon (SIX: OERL) is a global innovation powerhouse for surface engineering, polymer processing and additive manufacturing. Its solutions and comprehensive services, together with its advanced materials, improve and maximize the performance, function, design and sustainability of its customers' products and manufacturing processes in key industries. Pioneering technology for decades, everything the company invents and does is guided by its passion to support its customers' goals and foster a sustainable world. Headquartered in Pfäffikon, Switzerland, the Group operates its business in two divisions – Surface Solutions and Polymer Processing Solutions. It has a global footprint of more than 10,600 employees at 179 locations in 37 countries and generated sales of CHF 2.3 billion in 2020.

For more information: www.oerlikon.com

About the Oerlikon Polymer Processing Solutions division
With its Oerlikon Barmag, Oerlikon Neumag, Oerlikon Nonwoven and Oerlikon HRSflow brands, the Oerlikon Polymer Processing Solutions Division is focusing on manmade fibers plant engineering and flow control equipment solutions. Oerlikon is one of the leading providers of manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain. Furthermore, Oerlikon has a high precision flow control components business that offers a large selection of gear metering pumps for the textile and other industries, including the automotive, chemical and paint markets. With Oerlikon HRSflow the division develops innovative hot runner systems for the polymer processing industry. In cooperation with Oerlikon Balzers, highly-efficient and effective coating solutions are offered here from a single source.

As a future-oriented company, the research and development at this division of the Oerlikon Group is driven by energy efficiency and sustainable technologies (e-save). With its range of polycondensation and extrusion systems and their key components, the company caters to the entire manufacturing process – from the monomer all the way through to the textured yarn and other innovative polymer processed materials and applications. The product portfolio is rounded off with automation and Industrie 4.0 solutions.

The primary markets for the product portfolio of Oerlikon Barmag are in Asia, especially in China, India and Turkey, and – for those of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe. Oerlikon HRSflow is particularly at home in the core automotive markets. These include Germany, China, Korea and Brazil. Worldwide, the division – with more than 4,500 employees – has a presence in 120 countries with production, sales and distribution and service organizations. At the Research and Development centers in Remscheid, Neumünster (Germany), San Polo di Piave, Treviso (Italy) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically leading products for tomorrow's world.

For more information: www.oerlikon.com/polymer-processing