

## Press Release

2<sup>nd</sup> block of webinars focusing on industrial textiles

### **Safely does it: textiles and processes**

Neumünster, Remscheid, April 15, 2021 – in a series of webinars focusing on industrial textiles and processes, the Manmade Fibers division experts from the Swiss Oerlikon Group provide their clients with information on manufacturing safety yarns and on state-of-the-art recycling technologies. If you are interested in these webinars, you can register by going to [www.oerlikon.com/manmade-fibers](http://www.oerlikon.com/manmade-fibers).

- **Invest in your future: support local supply chains by manufacturing nonwovens for personal protective equipment**

May 5, 2021 2 – 2:45 p.m. CET

The coronavirus pandemic has impressively demonstrated the dramatic impact that global sourcing can have on critical materials if individual key regions within the supply chain fail. Juliane Müller-Weigel, Sales Manager at Oerlikon Nonwoven, will be holding a talk about nonwoven systems with which producers can make an effective contribution towards securing local supply chains for personal protective equipment (PPE), for instance for the production of oronasal masks and OP surgical apparel, among other things.

- **Fasten your seatbelt... Oerlikon Barmag's solutions for high-tenacity yarns**

Wednesday, May 12, 2021 10 – 10:45 a.m. CET

No safety belt without quality industrial yarn. Safety belts play a decisive role in protecting vehicle occupants and reduce the risk of injury and death. Their manufacture from polyester yarn comprising up to 100 individual high-tenacity filaments is highly-complex. In his webinar, Dr. Roy Dolmans, Technology Manager Industrial Yarn Polymer Processing & Analyses, focuses on the Oerlikon Barmag system concept for high-tenacity (HT) yarns and its – within the market – unique properties, which enable the production of high-quality yarn for manufacturing safety belts.

- **How you can cut CO<sub>2</sub> emissions and production costs with fiber-to-fiber recycling using the VacuFil Visco+**

Wednesday, May 19, 2021 2 – 2:45 p.m. CET

While the recycling world is focusing on bottle flakes, which are limited in terms of volume, the potential of another resource remains extensively unexploited. The recycling of residual fibers and fabric remnants into high-quality POY/FDY not only cuts CO<sub>2</sub> emissions, it also reduces production

costs. With its VacuFil Visco+, Oerlikon Barmag's subsidiary BBE offers the requisite technology for cleaning and utilizing PET waste. Within the context of his webinar, Matthias Schmitz, Head of Recycling Technology Engineering, presents fiber-to-fiber technology and applications.

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**Caption:** Lifesavers: high-tenacity industrial yarns form the basis for safety belts.

#### **For further information:**

Susanne Beyer  
Marketing, Corporate Communications  
& Public Affairs  
Tel. +49 2191 67 1526  
Fax +49 2191 67 1313  
susanne.beyer@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. The Group's solutions and comprehensive services, together with its advanced materials, improve and maximize performance, function, design and sustainability of its customer's products and manufacturing processes in key industries. Pioneering technology for decades, everything Oerlikon invents and does is guided by its passion to support customer's goals and foster a sustainable world. Headquartered in Pfäffikon, Switzerland, the Group operates its business in two Divisions – Surface Solutions and Manmade Fibers. 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 further information: [www.oerlikon.com](http://www.oerlikon.com)

#### **About the Oerlikon Manmade Fibers division**

With its Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven brands, the Oerlikon Manmade Fibers division 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.

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. 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. Worldwide, the division – with more than 3,000 employees – has a presence in 120 countries with production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster (Germany) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically-leading products for tomorrow's world.

For further information: [www.oerlikon.com/manmade-fibers](http://www.oerlikon.com/manmade-fibers)

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