

**FILTECH 2026: Neumag Nonwoven Showcases Technologies for Meltblown and Spunbond**

## **Focus on Nonwovens for Filter Media**

**Neumünster, April 2, 2026 – Under its Neumag brand, Barmag will present its technologies for the production of nonwovens for filter media at this year's FILTECH. From June 30 to July 2, the company will be represented at the Cologne trade fair in Hall 8, Booth E68.**

The main focus is on solutions for producing high-performance filter media at competitive costs. Here, Neumag excels in both the meltblown sector and with its spunbond solutions.

### **Meltblown technology for the highest quality requirements**

Neumag's meltblown technology enables the efficient and straightforward production of high-performance nonwovens for filtration, insulation, and sorption applications. A wide variety of polymers can be processed—from classic polyolefins such as PP and PE, through PET, PLA, PBT, and PA, to specialty plastics like PPS or TPU. All of these and other raw materials can be processed safely and reliably using the Neumag meltblown process.

The hycuTEC hydrocharging technology, which was honored with the Edana Filtrex Innovation Award, enables the production of particularly high-performance electret filter media. This allows the pressure drop of a typical FFP2 filter medium to be reduced to less than a quarter. "Filtration efficiencies of over 99.99% are easily achievable with standard media weighing around 35 g/m<sup>2</sup> and a maximum pressure drop of 35 Pa," explains Andreas Frisch, Regional Sales Director Nonwoven. "Furthermore, the additional drying step is eliminated in most applications—another advantage of this innovative technology," he adds.

### **Spunbond solutions for high-performance filter concepts**

Spunbond nonwovens are becoming increasingly important in filtration—both as carrier materials and as standalone filter media. By tailoring nonwoven structures specifically to the task at hand, customer-specific requirements can be precisely met. It is also possible to combine multiple functions within a single layer.

In particular, the company's long-standing expertise in bicomponent spinning processes opens up new possibilities in the design of innovative nonwoven structures. The Neumag Bico spunbond process allows for the combination of different fiber cross-sections as well as the simultaneous production of different fibers from one or more polymers on a single line. The spectrum ranges from classic core-sheath and side-by-side filaments to split fibers and so-called mixed fibers.



**Caption:**

The hycuTEC hydrocharging unit reduces the pressure drop of a typical FFP2 filter medium to less than a quarter, thereby achieving filtration efficiency of over 99.99%.

**About Barmag**

Since 2026, the Swiss Rieter Group has been operating its man-made fibers business as subsidiary under the traditional name Barmag. This includes the established product brands Barmag and Neumag. As a future-oriented company, the research and development of Barmag is driven by energy-efficiency and sustainable technologies (e-save).

Barmag is one of the leading providers of manmade fibers filament spinning systems, texturing machines, BCF systems, staple fibers systems and solutions for the production of nonwovens. Together with its range of polycondensation and extrusion systems and their key components, Barmag caters to the entire manufacturing process – from the monomer all the way through to the textured yarn – and supports it with customer-oriented engineering services. The product portfolio is rounded off with automation and digital solutions. In addition, Barmag offers high-precision gear metering pumps for the textile industry and other sectors, including the automotive, chemical and paint industries.

The main markets for the Barmag product portfolio are in Asia, particularly in China, India, Türkiye and the USA. Worldwide, Barmag – with round about 2,500 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), and Suzhou (China), highly qualified engineers, technologists and technicians develop innovative and technologically leading products for tomorrow's world.

For further information, please visit: [www.barmag.com](http://www.barmag.com)

**Contact:**

André Wissenberg  
Marketing, Corporate Communications  
& Public Affairs  
Tel. +49 2191 67 2331  
Fax +49 2191 67 1313  
[andre.wissenberg@barmag.com](mailto:andre.wissenberg@barmag.com)

Susanne Beyer  
Marketing, Corporate Communications  
& Public Affairs  
Tel. +49 2191 67 1526  
Fax +49 2191 67 1313  
[susanne.beyer@barmag.com](mailto:susanne.beyer@barmag.com)