

Press Release

## RUDOLF is pioneering the future of technical textiles by developing innovative, functional solutions

*Geretsried, Bavaria – RUDOLF, a leading international company in the fields of textile auxiliaries, textile care, and construction chemicals, is shaping the future of the textile industry with over 100 years of experience, continuously setting new standards for quality, innovation, and sustainability. Since its founding in 1922, the company has evolved into a globally recognized technology partner. As a pioneer of forward-looking textile solutions, RUDOLF will present its latest innovations at Techtextil 2026, which will take place from April 21 to 24, 2026, at the Messe Frankfurt exhibition grounds.*

### Functional performance for demanding applications

The focus of the trade show is innovative finishing solutions tailored to technical and functional textiles. FERAN® SRC was specifically developed for textiles made from cellulose fibers. This functional **soil-release finish** creates a long-lasting protective layer on cellulose fibers and their blends. This significantly simplifies the removal of oil, grease, and pigment-based stains. Textiles stay clean longer and retain their quality, even after numerous wash cycles. FERAN® SRC also improves comfort by keeping the surface permanently hydrophilic without negatively affecting the fabric's texture.

Another highlight is RUCO-THERM® PCM BIO MFT: a modern, bio-based finish that enhances the **thermal performance** of textiles. This solution contributes to effective climate regulation and enables textile designs in which performance and responsible material selection go hand in hand. With this product, RUDOLF is responding to the growing demand for sustainable and functional high-performance textiles.

By integrating RUCO-BAC® ROX, RUDOLF is strategically expanding its portfolio to include a cutting-edge solution for functionalizing textiles. RUCO-BAC® ROX was developed in collaboration with Heraeus Precious Metals. RUCO-BAC® ROX differs fundamentally from conventional biocidal mechanisms, especially traditional silver-based technologies.

The technology is based on a catalytic reaction in which oxygen is converted into **reactive oxygen species** in the presence of atmospheric moisture. These species effectively combat odor-causing and other microorganisms and also exert an oxidative effect on odor-causing residues on the textile surface. Since the mechanism of action is based on a cyclic redox system, RUCO-BAC® ROX is not consumed but continuously regenerated, enabling long-lasting and sustainable functionality.

RUDOLF is expanding its product portfolio with RUCO®-LUB BMN. This is a biodegradable alternative to conventional **sewability finishes**. This multifunctional solution improves the surface smoothness of woven and knitted fabrics, reduces friction during sewing, and enables damage-free processing without causing broken stitches or runs. At the same time, RUCO®-LUB BMN gives textiles a soft, smooth hand, helps maintain tear strength, and contributes to a longer service life by reducing wear.

## A Platform for Exchange and Innovation

At Techtexil 2026, RUDOLF will have the opportunity to engage in dialogue with customers, partners, and industry experts about future applications, technological trends, and sustainable strategies across the textile value chain. Visitors are invited to stop by booth E40 in Hall 9.0 to learn about the solutions on display and gain inspiration for innovative textile applications.

### Notes for editors:

#### About RUDOLF

RUDOLF remains true to its values of quality, innovation and sustainability and continues to develop game-changing technologies to transform the textile industry and meet the growing demands for environmental sustainability.

With more than 2,000 employees, 18 production sites, and 50 sales offices, RUDOLF provides logistical and technical support to its customers worldwide.

The combination of scientific expertise and customer proximity makes RUDOLF an experienced and competent partner in the textile finishing industry. The company is proud to offer products that comply with OEKO-TEX® and GOTS standards, is committed to the ZDHC and is a partner of the bluesign system. RUDOLF is a founding member of the Transformer Foundation and lives the philosophy of the Responsible Care initiative, which stands for responsible behaviour in the areas of environment, safety and health.

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