

Press Release

RUDOLF: Shaping the future of the textile industry with cutting-edge innovations

Geretsried, Bavaria - **RUDOLF**, a leading company in the fields of textile auxiliaries, textile care and construction chemicals sets new standards with pioneering technologies. Since its foundation in 1922, the company has developed into a globally recognised market leader that stands for high quality, innovation and sustainability. **RUDOLF** is one of the leading companies in the sector and will be presenting its future-oriented solutions at the upcoming **Techtextil** from 23 to 26 April 2024. The international trade fair brings together leading exhibitors from the world of technical textiles, nonwovens, functional apparel textiles and textile technologies. As an exhibitor at this important platform, **RUDOLF** underlines its role as a driving force for future-oriented developments in the textile industry by exhibiting at this important platform.

BIONIC-FINISH® ECO technology from **RUDOLF** is an advanced, patented fluorine-free technology that reliably protects textiles against rain and aqueous soiling. Thanks to their high resistance to household and industrial washes, these products offer high-performance water repellency for technical applications with minimal application quantities, without impairing the feel, look or breathability of the treated textiles. Inspired by nature and based on dendrimers, multifunctional building blocks that branch out on the textile surface, this technology gives the treated fibres a highly wash-resistant and fluorine-free microstructure, ensuring long-lasting and superior performance on the textile surface. In addition, **BIONIC-FINISH® ECO** products are made from a high proportion of renewable, bio-based raw materials and therefore meet the growing sustainability requirements of consumers.

Another milestone is the cooperation between **RUDOLF** and **Dr. Höhle AG**, a leading international company in the field of UV technology. Customised solutions are developed as part of this cooperation. UV curing technology, an energy-efficient method for curing UV-reactive substances for textile coatings, enables fast and energy-efficient curing under the influence of ultraviolet radiation. This future-oriented technology offers numerous advantages, including efficient production, reduced waiting times, savings in resources such as water and solvents and a lower environmental impact by eliminating the need for high temperatures. Immediate further processing of the material shortens process times, which in turn reduces energy consumption and protects the environment.

„**RUDOLF** and **Dr. Höhle AG** have collaborated to meet the challenges of modern textile production. Our solution not only offers an outstanding new option for textile coating, but also actively contributes to reducing the ecological footprint.“ - Dr. Christoph Hauser, Research and Development at **RUDOLF**.



Reader enquiries

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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 approx. 2,000 employees in 45 countries, **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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