**PRESS RELEASE**

**Freudenberg launches an Eco-calculator that helps customers to improve their environmental footprint**

**Weinheim, April 13, 2021. An innovative Eco-calculator to be launched by Freudenberg Performance Materials (Freudenberg) will help customers assess and choose Evolon® textile solutions for bedding and bath towels. The tool based on sustainability criteria also provides information on how customers can save energy and water during subsequent care steps for the relevant textile.**

The new Eco-calculator from Freudenberg provides an overview of environmental impacts generated by Evolon® solutions over their entire life cycle: From raw material extraction through the laundering phases to product end-of-life. Eight environmental criteria, including the carbon footprint, water impact and eco-toxicity, are evaluated.

**Independent data and washing tests**

The Eco-calculator relies on data provided and validated by independent external experts, who conducted a Life Cycle Assessment focusing on textile applications such as bed linen, bath towels and workwear used in hotels and hospitals. The Eco-calculator also takes account of data from washing tests to evaluate the durability and the consumption levels of water, energy and detergent required by the different fabrics. The testing program simulated industrial wash cycles to assess twelve different textile articles. Each type of product was evaluated in terms of the water, energy and detergent consumption required for its care as well as its appearance and mechanical properties over washings.

**Support for customers’ eco-design programs**

“Our Evolon® experts help our customers determine the scenarios they wish to evaluate, for example by varying the weight of the materials, the types of finish, the number of washing cycles, or the country of use. Based on this data, the Freudenberg experts provide an economic and environmental evaluation using the Eco-calculator,” says Jean-François Kerhault, Business Segment Manager Evolon at Freudenberg Performance Materials. “This information can help our customers to evaluate the environmental footprint of their own finished products. They can include the data in their own product eco-design approach, or meet new market requirements about information on the carbon footprint.”

**About Evolon® textiles**

Fabrics made with Evolon® technology and Evolon® New Generation are ideally suited for use as bed linen, cover material for fiber-filled pillows and duvets, mite-proof encasings, as well as bath towels. Evolon® base fabrics have been granted the Oeko-Tex mark (STANDARD 100, product class 1, Annex 6), which certifies they are free of harmful substances and suitable for contact with baby skin.

Furthermore, bedding items made from Evolon® are equipped with anti-mite properties with no chemical treatment, thus meeting requirements for allergy-friendly beds. Evolon® is endorsed by the quality seal of the European Centre for Allergy Research Foundation (ECARF).

Evolon® fabrics are exclusively manufactured in Europe according to ISO 9001 (quality management), ISO 14001 (environment), ISO 50001 (energy consumption) and the new ISO 45001 (occupational health and safety).

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About Freudenberg Performance Materials

Freudenberg Performance Materials is a leading global supplier of innovative technical textiles for a broad range of markets and applications such as apparel, automotive, building interiors, building materials, healthcare, energy, filter media, shoe and leather goods as well as specialties. In 2020, the company generated sales of more than €1 billion, had 33 production sites in 14 countries around the world and had some 5.000 employees. Freudenberg Performance Materials attaches great importance to social and ecological responsibility as the basis for its business success. For more information, please visit [www.freudenberg-pm.com](http://www.freudenberg-pm.com)

The company is a Business Group of Freudenberg Group. In 2020, the Freudenberg Group employed more than 48,000 people in some 60 countries worldwide and generated sales of more than €8.8 billion. For more information, please visit [www.freudenberg.com](http://www.freudenberg.com)