

TextilWirtschaft

From Elke Dieterich
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KC - Wearable Technologies relies on silver



Textiles that consist of 20% pure silver. Silverguard from KC-Wearable Technologies.

For years, the Italian specialist supplier KC - Wearable Technologies from Lonato del Garda, with offices in China and Wolfratshausen, has been working intensively on wearable technologies. The Silverguard series is new to the portfolio. These are textiles, which consist of 20% pure silver. "It has been proven that these products destroy coronaviruses in a very short time," says Dominik Kufner, who heads the German subsidiary KC Textil GmbH in Geretsried. In order to investigate the effects of silver textiles on coronaviruses, the company states that it has worked with the Experimental Zooprophyllactic Institute of Venezie (IZSVe). The institute conducts prevention, research and services in the fields of animal health and food safety. The subject of the study was the Silverguard products Jupiter, Earth and Vega. "The results were remarkable in terms of both the effectiveness and the speed of viral destruction," said Kufner. Particularly

astonishing results were recorded with the product Jupiter: This woven material produced an immediate impairment of viral reproduction and a viral destruction rate of 68% in the first five minutes. After 15 minutes, the viral destruction rate was 93%. "No other textile product known to us has ever shown viral destruction at this rate." The fabric is suitable, for example, as a pocket lining, but it can also be used to make silver pouches, handkerchiefs and other accessories. "Vera", an elastic knitted material, is suitable for bags, gloves and wipes. All three materials can also be used in antiviral facemasks.