

**PRESS RELEASE****May 2017****- Kufner creates its own umbrella brand for smart textile-based products under word brand T I P: TEXTILE INNOVATIONS - PRODUCTS****- Innovative transport security system with alert function is taking the lead****- At Techtexsil the focus was on textile heating solutions and EMC-shielding**

Under brand logo T I P TEXTILE INNOVATIONS PRODUCTS Kufner will launch various smart, textile-based products for a variety of solutions and applications. An innovative transport security system, which was developed with cooperation partner go11save, will be the first product in that line, showcased for the first time at Techtexsil. This is a cut-resistant fabric fitted with sensors and a GPS (Global Positioning System) tracking function. Valuable freight can be effectively protected against theft and unauthorized access with this sensor-based fabric. In case of damage due to mechanical or chemical impact, an alert is triggered that can be forwarded upon request to the nearest police station including exact positioning indication via an app. The alert technology is compatible with various systems so that individual scenarios can be created according to customer needs.

For over a decade Kufner has also directed its engineering competence towards developing and producing high-quality technical fabrics. Due to a low energy consumption and a consistent heat distribution the THS – textile heating systems – technology is a very interesting solution for various applications. The THS (textile heating systems) technology developed by Kufner has been used in apparel applications, such as workwear and functional or active sports clothing for outdoor activities. An interesting application of the heating textiles are heated church pews as well as heated artificial turf in extensive sports stadiums, since the heating textiles are produced on rolls. Core elements of the technology's USP are the rapid heating capacity up to 60 degrees and the wide range of possible carrier materials and multiple ways to apply THS, from sewn-in, molded, foam laminated, stitched, quilted to laminated or

glued. THS has a 30 – 40 per cent lower energy consumption, the conductive textile is extremely light and has a pleasant touch.

Another highlight at Techtextil, showcased at Kufner's booth, will be the oversized wallet by leather goods brand Esquire. Equipped with CARDSAFE and XShield®, Kufner's RFID-protection system, it is considered as "probably the most secure wallet in the world" ([www.esquire-lederwaren.de](http://www.esquire-lederwaren.de)). The card slots are positioned to open towards the wallet's inner fold. Thus, credit cards are secured against falling out while the wallet is closed. In addition to that, the XShield® protects data on RFID chips on cards against unauthorized access. XShield® weighs up to 30% less compared to competitive products. RFID data is protected against unauthorized access. **Philipp Rupp, CEO Esquire Lederwaren – Rupp & Ricker GmbH:** "We are delighted to have a technology professional at our side for the last three years in Kufner Holding GmbH. Just as Kufner, we are a company with a long tradition. As we wanted to offer leather goods with functional features, we invited Kufner to cooperate with us as a sparring partner. We can completely rely on Kufner for all technological questions. Kufner's X-Shield technology convinced us, since the material is soundless, its haptics are pleasing and the fabric has excellent processing characteristics.

#### **About Kufner Holding GmbH:**

Kufner is a fully integrated company with a 150year old tradition located in Munich, Germany. Its 520 staff in four production sites on two continents produce about 150 million meters each year. The vertical integration includes production stages weaving, knitting, finishing and coating as well as production of thermobonded nonwovens and warp production. Kufner is one of the leading companies for interlinings in the apparel industry. As a global provider of technical solutions, Kufner has over 20 distribution companies and a worldwide service network in over 60 countries that guarantees short delivery times. The state of the art production facilities with computer controlled process monitoring are certified under ISO 14001 environmental management and 9001. "Sustainability" is an essential factor of the Kufner Group's environmental philosophy. Long-term strategies of this future-orientated group always focus on creating harmony between social aspects and environmental considerations. Kufner has set a carbon footprint of the entire group to document its sustainable environmental responsibility. In addition to this, Kufner has officially committed to respect the 10 universal principles of UNGC (United Nations Global Compact. All Kufner production sites and branches around the world have implemented the highest ecological and social standards long before – a fundamental concept lived at Kufner.

**Print free of charge. Sample copies are requested.**

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