



WORLD WIDE WEAVE

## **GKD: Sought-after expertise**

Metal mesh as a powerful problem solver

**On its stand at the *Techtextil* trade fair, GKD – Gebr. Kufferath AG (GKD) focused primarily on the solution potential of high-performance metal mesh developed for specific applications in industry and architecture. For a large number of visitors from the sector, the GKD specialists from Development, Sales, and Process Engineering were sought-after contacts for discussion of upcoming tasks. The added value of metal fabric over textile media was a key talking point here.**

Reflecting on the company's appearance at the leading international trade fair for technical textiles and nonwovens in Frankfurt, Peter Wirtz, Head of Industrial Weave, is filled with a sense of satisfaction: "We had a similar number of visitors to our stand as in 2017, yet the level of discussions was significantly higher overall," he comments. Indeed, the experts from the world's leading technical weavers were presented with concrete challenges by those attending the fair. Specific alternatives to textile media were very much in demand here – both for exacting design applications and process engineering. Discussions focused on the wide range of options offered by GKD with user-specific metal fabric designs and the virtually inexhaustible problem-solving potential they offer – regardless of whether pushing performance boundaries, substituting materials, or common coatings.

### **Properties à la carte**

All of the solution approaches discussed were based on a basic metal frame. In connection with the combination of materials matched to the individual process, as well as selection of the weave type and technique, the metallic component lends the fabric a performance spectrum that goes far beyond



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conventional textile designs. For example, GKD developed concrete solution approaches for desired functions such as electrical conductivity or shielding. Selection of the right materials played a key part here. These included stainless steel or copper, which GKD also weaves as hair-thin wires. The broad optimization potential offered by the high-performance fabric thanks to the individual customization range of properties was also underlined when discussing special customer requirements in terms of mechanical strength or cleaning properties of the required media.

This broad scope of solution approaches not only proved popular among users from the field of process engineering and manufacturers of fiber and nonwoven materials. The GKD experts, who have a demonstrable track record of success in numerous research projects, were also popular contacts for various university representatives. The discussions highlighted interesting approaches to common research work here.

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## **GKD – WORLD WIDE WEAVE**

As a privately owned technical weaver, GKD - Gebr. Kufferath AG is the world market leader in metal, synthetic and spiral mesh solutions. Four independent business divisions bundle their expertise under one roof: Industrial Mesh (woven metal mesh and filter solutions), Process Belts (belts made of mesh and spirals), Architectural meshes (façades, safety and interior design made of metal fabrics) and Mediamesh® (Transparent media façades). With its headquarter in Germany and five other facilities in the US, South Africa, China, India and Chile – as well as its branches in France,



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Spain, Dubai and worldwide representatives, GKD is close to markets anywhere in the world.

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