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**INNOVATIONS  
AND TRENDS**

## Weight-optimized infusion component with high stiffness



Wafer-thin, nearly transparent sheets from blocks of thermoplastics

Gaugler & Lutz oHG has been the leading provider of preassembled core materials and complementary accessories for lightweight and sandwich construction. In collaboration with the FVK GmbH based in Dessau, Gaugler & Lutz developed a weight-optimized infusion component. Wafer-thin sheets are used for stiffness. The PEELCORE® process involves peeling individual sheets from blocks of thermoplastics. They can be thinner than a match head, offer innumerable benefits and have a high weight saving potential. The 1-4 mm thin AIREX T90 sheets ensure the stiffness of the FVK infusion component. The component, which is presented at this year's InnoTrans, is currently still in the development phase.

### **Gaugler & Lutz oHG**

**Germany - Aalen**

**3.1, 211**

Contact: Svenja Schnell

Phone: +49 7367 9666815

[svenja.schnell@gaugler-lutz.de](mailto:svenja.schnell@gaugler-lutz.de)

[www.gaugler-lutz.de](http://www.gaugler-lutz.de)

Subject to further change