



Press Release

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Bergquist Gap Filler TGF 2100LVO offers robust dispensing, high reliability with excellent thermal conductivity and low volatile outgassing

Henkel expands Bergquist range with new high-performance gap filler solution for automotive

Düsseldorf – As the automotive industry accelerates its shift to smarter, more sustainable electronic systems, manufacturers are under pressure to improve both performance and production efficiency. The latest addition to Henkel's Thermal Gap Filler range enables complex components for electronic control modules and ADAS applications to be produced more cost-effectively and more sustainably.

Bergquist Gap Filler TGF 2100LVO is a 2-component solution based on low volatile silicone technology. It offers an exceptional combination of robust dispensing, high reliability and excellent thermal conductivity.

With excellent wet-out properties and a typical nominal thermal conductivity of 2.2W/m·K, it is a versatile solution to optimize heat dissipation. This makes it ideal for high-throughput manufacturing of automotive electronic control modules, components for ADAS applications and power conversion components such as OBC, DCDC, and Inverters. To minimise volatile outgassing, it has been formulated with an ultra-low volatile siloxane content and without D4-D5-D6 Siloxanes, thereby increasing sustainability and ensuring future REACH compliance.

"Our next-generation thermal gap fillers are the result of cutting-edge product development informed by close partnerships with the automotive supply chain. By working closely with Tier 1 & OEMs, we are developing solutions that allow them to balance complex, overlapping challenges," explains Bart Van Eeghem, Business Development Manager Automotive Electronics EU at Henkel. "Developed with deep insight into the varied demands of automotive manufacturing, our next-generation gap filler portfolio offers targeted solutions

for a wide range of applications. Bergquist Gap Filler TGF 2100LVO brings further expansion to this innovative range.”

On the production line, the robust dispensing properties and improved flowability of Bergquist Gap Filler TGF 2100LVO allow for increased efficiency. Greater versatility is ensured by the longer process window provided by its >120-minute working time, which also helps to reduce production line wastage – a further sustainability advantage. Bergquist Gap Filler TGF 2100LVO cures at room temperature in 24 hours, which can be accelerated with heat if wished.

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About Henkel

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The business unit Adhesive Technologies is the global leader in the market for adhesives, sealants and functional coatings. With Consumer Brands, the company holds leading positions especially in laundry & home care and hair in many markets and categories around the world. The company's three strongest brands are Loctite, Persil and Schwarzkopf. In fiscal 2024, Henkel reported sales of more than 21.6 billion euros and adjusted operating profit of around 3.1 billion euros. Henkel's preferred shares are listed in the German stock index DAX. Sustainability has a long tradition at Henkel, and the company has a clear sustainability strategy with specific targets. Henkel was founded in 1876 and today employs a diverse team of about 47,000 people worldwide – united by a strong corporate culture, shared values and a common purpose: "Pioneers at heart for the good of generations." More information at www.henkel.com

Photo material is available at www.henkel.com/press

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The following photo material is available



Henkel Next Generation Gap Filler dispensed in varied sizes.