



Press Release

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Ideal for Challenging Telecom Environments, Thermal Interface Material (TIM)
Innovation from Henkel Delivers High Gap Stability

Bergquist® Liqui-Form TLF 6000HG Thermal Gel Earns Industry Award

Irvine, California – Last week, Henkel was honored with yet another industry award for its thermal interface material (TIM) ingenuity. [BERGQUIST® Liqui-Form TLF 6000HG](#) received a Global Technology Award in recognition the material's performance benefits and ability to enhance the reliability of 5G telecom infrastructure devices through durable, effective heat dissipation. The Sept. 29, 2020 virtual award ceremony, hosted by award sponsor Global SMT & Packaging magazine, took place during the digital SMTA International conference and exhibition.

"Telecom infrastructure systems designed to support the 5G wireless broadband connection standard have to reliably manage higher data volumes at exponentially faster rates," explains Wayne Eng, Henkel's Global Head of Market Strategy, Datacom and Telecom. "Bigger ASICs and greater processing power are the norm. With many systems -- such as remote radios and base band units -- located in outdoor environments where access is challenging, the robustness of the electronic components is essential to ensuring high performance. BERGQUIST LIQUI-FORM TLF 6000HG offers a durable heat dissipating material solution for improving reliability. We thank the Global Technology Awards judging panel for recognizing this distinction."

A dispensable, pre-cured TIM gel that is stable in storage and in use, BERGQUIST LIQUI-FORM TLF 6000HG has a thermal conductivity of 6.0 W/m-K. Importantly for telecom applications, the material can accommodate gaps up to 3.0 mm and holds its form and position once applied. This is especially beneficial for telecom devices that may be vertically positioned in outdoor environments where active cooling is limited. When evaluated, BERGQUIST® LIQUI-FORM® TLF 6000HG TIM exhibited good vertical gap stability with no slipping during more than 1,000 hours of gap stability testing. The material also showed no material cracking or thermal conductivity degradation after more than 1,000 hours of thermal cycling testing. Additionally, the TIM gel requires no mixing or refrigeration and dispenses quickly, delivering simplified storage and high throughput processing capability.

To learn more about BERGQUIST LIQUI-FORM TLF 6000HG, visit [this page](#). To speak with a technical customer service specialist or request a sample, call +1-855-243-6535.

About Henkel

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2018, Henkel reported sales of around 20 billion euros and adjusted operating profit of around 3.5 billion euros. Henkel employs around 53,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose to create sustainable value, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many international indices and rankings. Henkel's preferred shares are listed in the German stock index DAX. For more information, please visit www.henkel.com.

Photo material is available [here](#).

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