

## **HENKEL SOLUTIONS FOR AUTONOMOUS DRIVING – EMI GAP PAD**

### **BERGQUIST® GAP PAD TGP EMI4000**

Multifunctional, silicone-free gap pad combining thermal conductivity and electromagnetic radiation attenuation – Ideal for applications up to 4 W/mK and 77 GHz.



#### **Features & Benefits**

- Thermally conductive (**4 W/mK**) & electromagnetic radiation absorbing (**up to 77 GHz**) in grey color
- Silicone-free
- Highly conformable
- Non-electrically conductive
- **Room temperature** storage



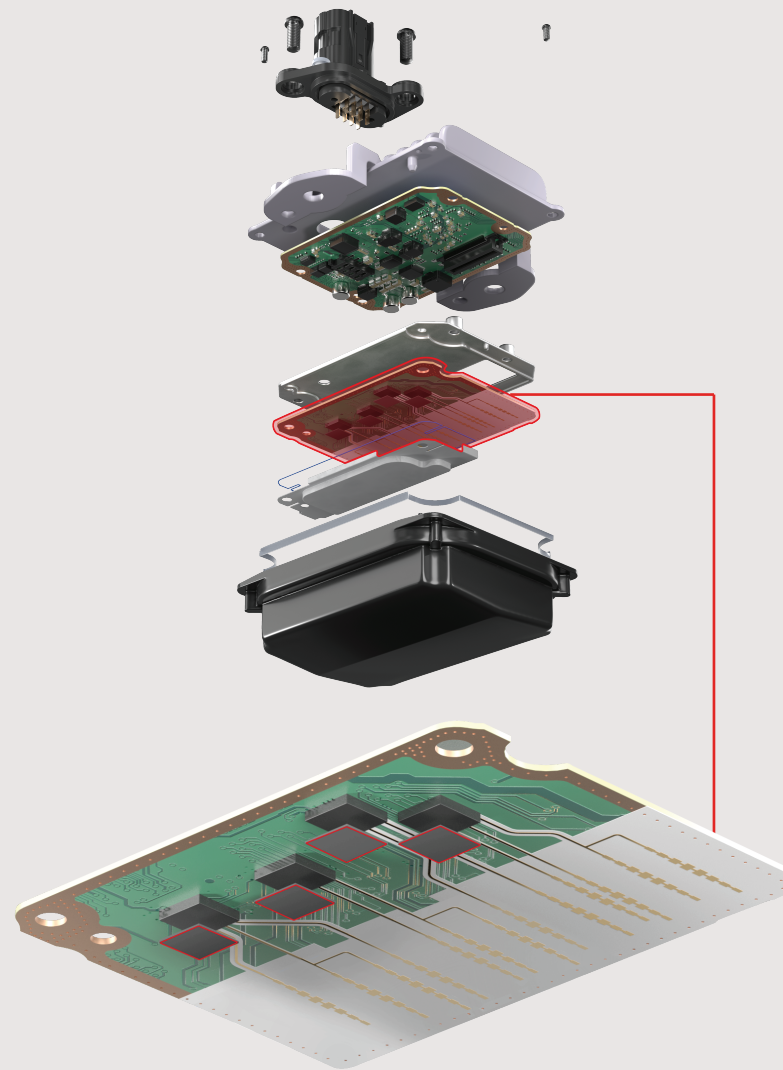
#### **Sustainability Value**

- **Silicone-free** solution eliminates hazardous **D3 to D6 siloxane rings**
- Multifunctionality reduces need for multiple material solutions

Leverage Henkel's broad technology portfolio and application know-how to strengthen your automotive electronics applications.



Henkel Adhesive Technologies





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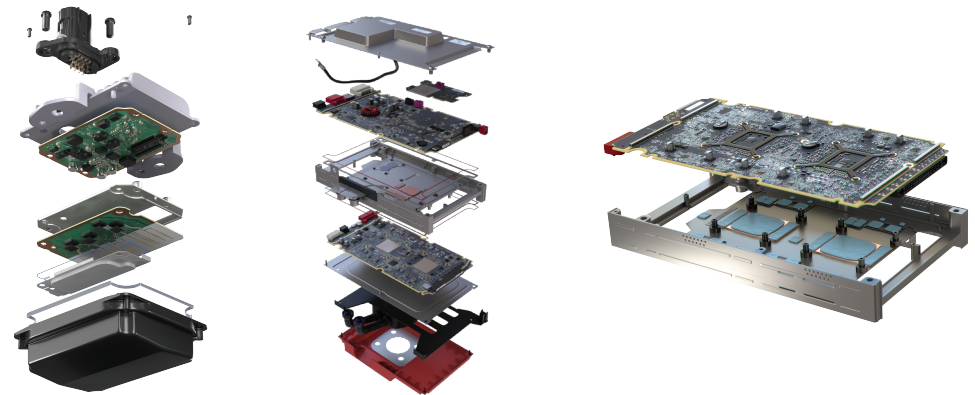
## Product Properties

Technology	Thermally conductive, electromagnetic (EM) radiation absorbing
Chemical Type	Silicone-free
Operating Temperature	-40° to 125°C
Thermal Conductivity, ASTM D5470, W/mK	4
EM Attenuation, ASTM D5568, dB/cm @ 18 GHz	86
EM Attenuation, ASTM D5568, dB/cm @ 77 GHz	98
Shore Hardness, ASTM D2240, 30 sec delay, Shore 00	60
Density, ASTM D792, g/cm3	2.67
Heat Capacity, ASTM E1269, J/gK	0.8
Young's Modulus, ASTM D575, MPa	0.55
Volume Resistivity, ASTM D257, Ωm	4.4 x 10 <sup>7</sup>
Flammability, UL 94	V-0

\* For more guidelines on best dispensing practices, please contact Henkel's Application Engineering Team

## AREAS OF APPLICATIONS

- Radar, V2X/Telematic Module, Data Centers



## PERFORMANCE CHARACTERISTICS

- Thicknesses: 0.75 mm, 1 mm, 1.5 mm & 2 mm
- Size: Customizable to application
- Packaging: Die cut on release liner, tape & reel and trays

**Reach out to our experts to partner up for automotive electronics in automotive and industrial electronics.**

**CONTACT US TO LEARN MORE**

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