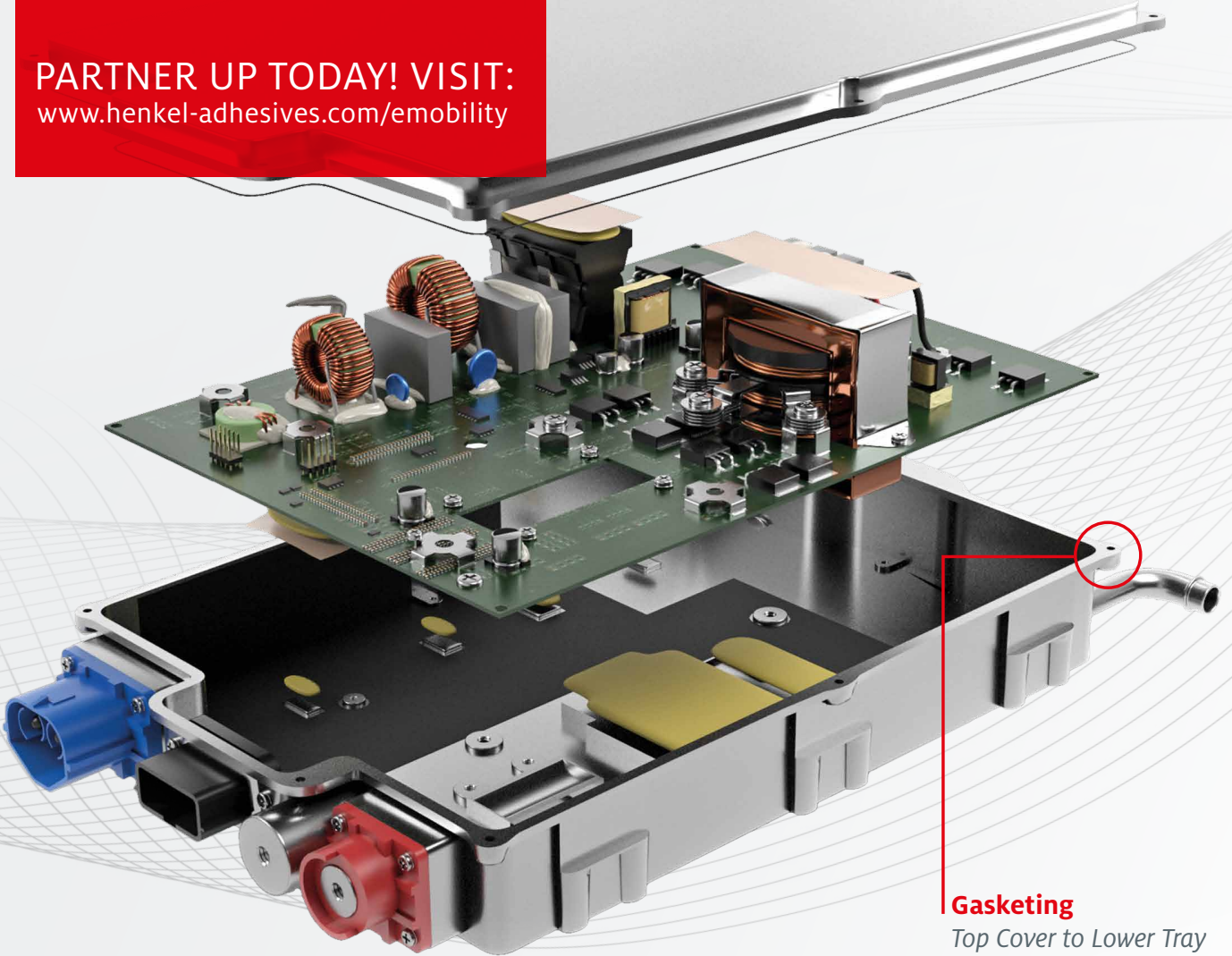


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**Gasketing**  
Top Cover to Lower Tray

# Henkel Gasketing Solutions for EV Power Conversion Systems

Our broad solution portfolio has been specifically designed with a focus on:



## System Cost

- » Short cycle times
- » Automated production process



## Safety & Reliability

- » Thermal management
- » Oil / ATF resistance



## Lifetime Performance

- » Shock and vibration stability
- » Harsh environmental resistance



## Vehicle Integration

- » Smaller size higher packing density
- » Consolidation OBC / inverter

Driving e-Mobility, together.



# Henkel Gasketing Solutions for EV Power Conversion Systems

Product	Chemistry	Curing	Serviceability	Key properties
LOCTITE SI 5970	Silicone	Room temperature / FIPG	Yes*	<ul style="list-style-type: none"> <li>» High temperature stability</li> <li>» Good moisture barrier</li> <li>» Multi-substrate bonding</li> </ul>
LOCTITE SI 5421	Silicone	Room temperature / FIPG	Yes*	<ul style="list-style-type: none"> <li>» EMI gasketing</li> <li>» High temperature stability</li> <li>» Good moisture barrier</li> <li>» Multi-substrate bonding</li> </ul>
LOCTITE AA 5884	Polyacrylate	UV / CIPG	Yes	<ul style="list-style-type: none"> <li>» Quick cure</li> <li>» Durable for heavy duty applications</li> <li>» Compressable for good sealing capability</li> <li>» ATF and high temperature resistance</li> <li>» Non-silicone</li> </ul>
BERGQUIST TLB 400SLT	Silicone	Room temperature or heat / FIPG	Yes*	<ul style="list-style-type: none"> <li>» Thermally conductive</li> <li>» Glycol resistance</li> <li>» High elongation</li> <li>» Multi-substrate bonding compatible with BERGQUIST GAP FILLERS®</li> <li>» UL94 V-0 Flame Retardancy</li> </ul>
LOCTITE AA 5820 <sup>1</sup>	Polyacrylate	Room temperature / FIPG	Yes*	<ul style="list-style-type: none"> <li>» Durable for heavy duty applications</li> <li>» ATF and high temperature resistance</li> <li>» Compatible with BERGQUIST GAP FILLERS®</li> </ul>
LOCTITE SI 5039 <sup>2</sup>	Silicone	UV + Moisture / CIPG	Yes	<ul style="list-style-type: none"> <li>» Flexible cure mechanism</li> <li>» Durable for heavy duty applications</li> <li>» Multi-substrate bonding</li> <li>» Compressable for good sealing capability</li> <li>» High temperature resistance</li> <li>» UL94 V-0 Flame Retardancy (no certificate)</li> </ul>
SONDERHOFF FERMAPOR K31 SERIES	Polyetherane foam	Room temperature / FIPFG	Yes	<ul style="list-style-type: none"> <li>» Customizable</li> <li>» Compressable</li> <li>» Fast-cure</li> <li>» Tolerance adaptable</li> <li>» Complete system solution with dosing equipment</li> </ul>
SONDERHOFF FERMASIL SERIES	Silicone foam	Room temperature / FIPFG	Yes	<ul style="list-style-type: none"> <li>» Customizable</li> <li>» Compressable</li> <li>» Water-resistant</li> <li>» Tolerance adaptable</li> <li>» Complete system solution with dosing equipment</li> </ul>

No Number: Available globally | 1: Available only in APAC, EU | 2: Available only in NA

\* Tools required

**GET IN TOUCH WITH US**

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