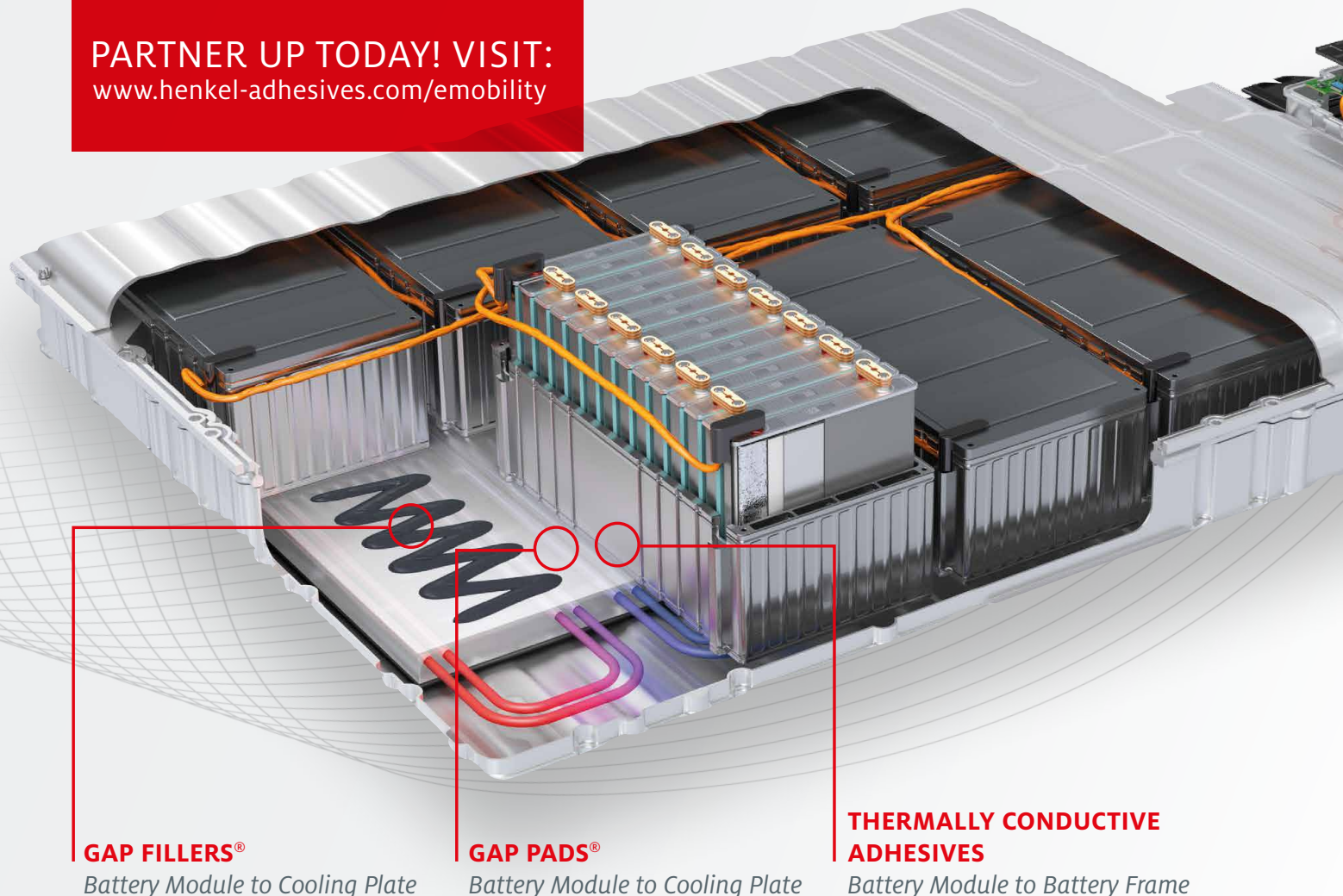


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www.henkel-adhesives.com/emobility



Henkel Thermal Interface Solutions for EV Battery 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
- » Flame retardancy
- UL94 compliance



Lifetime Performance

- » Fast charging and discharging
- » Serviceability



Vehicle Integration

- » Crash resistance
- » Lightweighting

Driving e-Mobility, together.



Henkel Thermal Interface Solutions for EV Battery Systems

GAP FILLER®

Product	Chemistry	Curing	Thermal conductivity	Key properties
BERGQUIST TGF 3010 APS	Silane-modified polymer	RTV or heat	3.0 W/mK	<ul style="list-style-type: none"> » Non-silicone gap filler » High flow rate (40 cc/sec) » Compressable (shore OO 75)
BERGQUIST TGF 2200 APS	Silicone	RTV or heat	2.2 W/mK	<ul style="list-style-type: none"> » Low density gap filler » UL94 V-0 Flame Retardancy » Compressable (shore OO 55)

GAP PAD®

Product	Chemistry	Curing	Thermal conductivity	Key properties
BERGQUIST TGP 1350	Silicone	Pre-cured	1.4 W/mK	<ul style="list-style-type: none"> » Gap pad » Compressible (shore OO 30) » UL94 V-0 Flame Retardancy » High durability

THERMALLY CONDUCTIVE ADHESIVES

Product	Chemistry	Curing	Thermal conductivity	Key properties
LOCTITE EA 9497 ¹	Epoxy	RTV	1.4 W/mK	<ul style="list-style-type: none"> » Thermal adhesive » High stiffness and strength » Multi-substrate bonding
BERGQUIST TLB SA2005RT	Silicone	RTV or heat	2.0 W/mK	<ul style="list-style-type: none"> » Thermal adhesive » UL94 V-0 Flame Retardancy » High elongation
BERGQUIST TLB EA1800	Epoxy	RTV	1.8 W/mK	<ul style="list-style-type: none"> » Thermal adhesive » UL94 V-0 Flame Retardancy » High strength

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

GET IN
TOUCH
WITH US

Europe

Marvin Romberg
marvin.romberg@henkel.com
+49 211 7979 594

Asia Pacific

Chunrong Hou (Jeffrey)
jeffrey.hou@henkel.com
+86 138 1811 8785

North America

Pradyumna Goli
pradyumna.goli@henkel.com
+1 951 288 1177

Or visit: www.henkel-adhesives.com/emobility

