

# LOCTITE®

## HENKEL SOLUTIONS FOR AUTOMOTIVE ELECTRONICS COMPONENTS

### LOCTITE® PE 8086 AB

2k Epoxy thermal potting with excellent electric insulation for e-motors & sensors



### CUSTOMER NEEDS

- Challenges in **managing heat dissipation** with e-motors due to higher power density and smaller size, **needed superior** materials with **thermal conductivity**
- Risk of **cracking** for the **epoxy potting** resin in thermal cycle test due to CTE mis-match and **high stress**
- Dispensing process unfriendly due to **high viscosity**



### HENKEL SOLUTIONS

- LOCTITE PE 8086 AB is designed with **outstanding thermal conductivity** to **reduce** the **core temperature** in the e-motor stator
- Specially **designed** formulation **with toughness** to improve the thermal shock resistance
- Achieved **good balance** of **low viscosity** and **high thermal conductive** of being **process friendly**

CONTACT US TO LEARN MORE

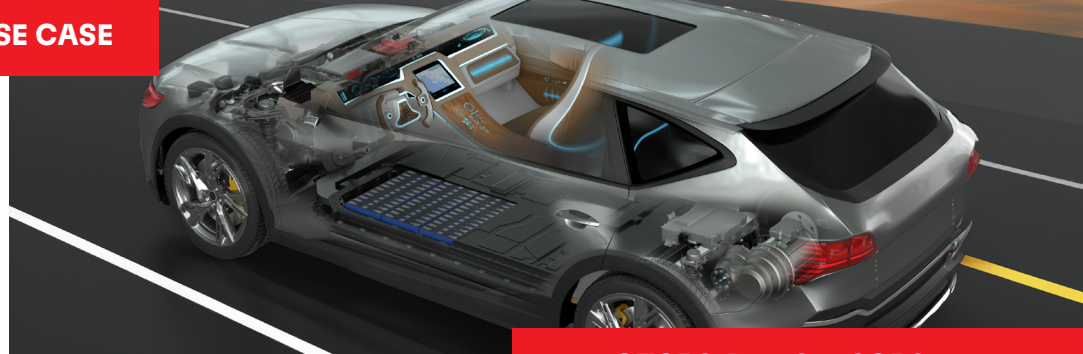
Europe  
Germany  
Henkel AG & Co. KGaA (Headquarters)  
Henkelstraße 67, 40589 Düsseldorf

Asia-Pacific  
China  
Henkel (China) Co., Ltd.  
No. 928 Zhangheng Road, Pudong New District  
201203 Shanghai

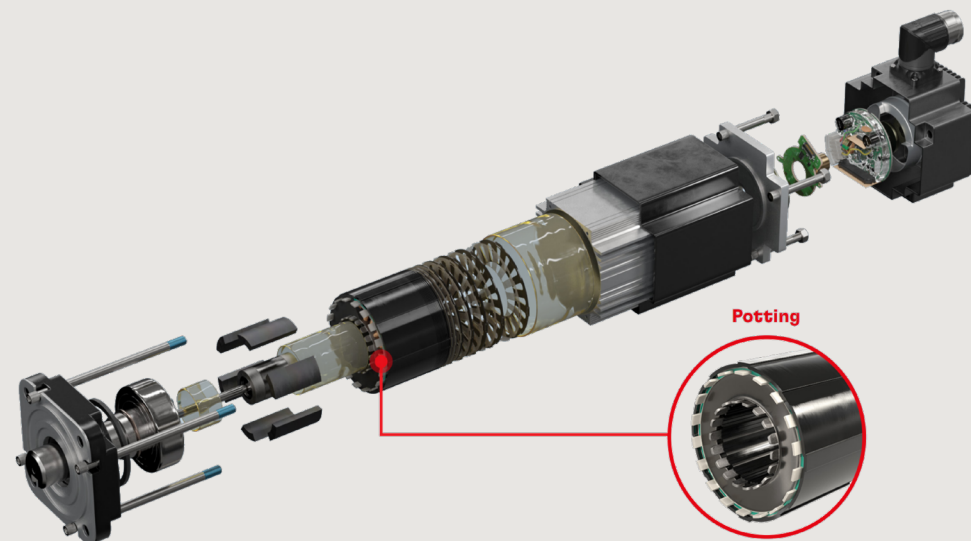
Americas  
U.S.A.  
Henkel Corporation  
Madison Heights, 32100 Stephenson Highway  
Madison Heights, MI 48071

Henkel

Henkel Adhesive Technologies



### E-MOTORS AND SENSORS



[www.henkel-adhesives.com](http://www.henkel-adhesives.com)

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