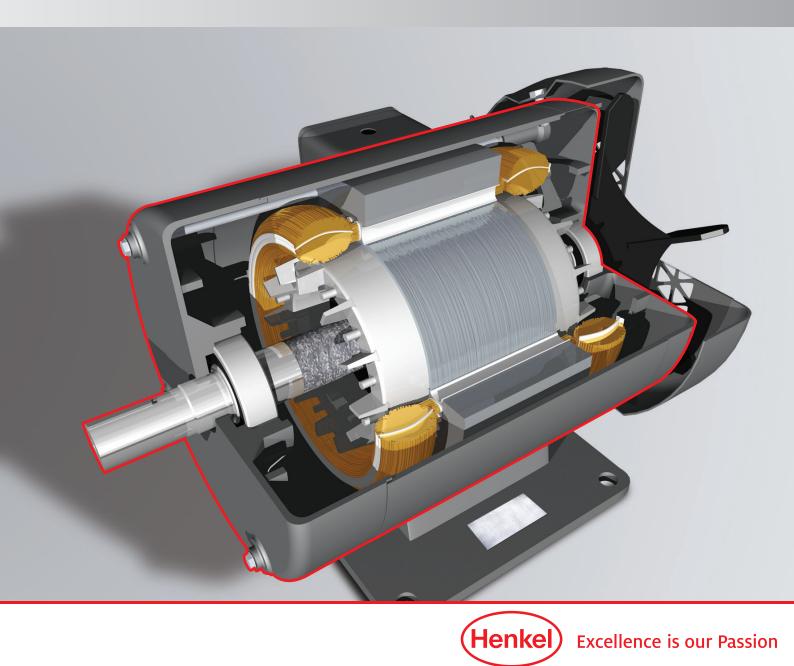


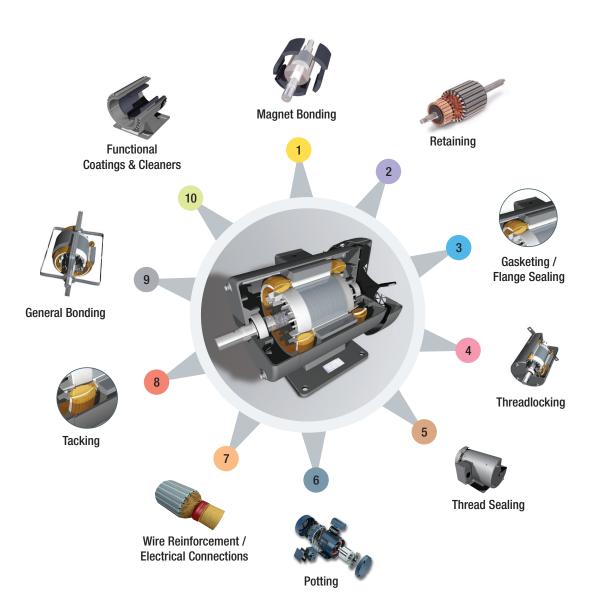
# **Innovative Solutions for Electric Motors**





#### **Solutions for Electric Motors**

As an electric motors manufacturer, you face demanding market requirements for increased product durability, greater motor efficiency and lower production costs. Henkel, the leading solution provider for adhesives, sealants and functional coatings, offers expertise throughout the value chain, as well as innovative solutions and dispensing options that provide maximum reliability and cost-effective production.



#### **CUSTOMER PARTNERSHIP**

From design and product development to the final manufacturing process, Henkel adhesive specialists provide you with technical support and recommendations to meet your design challenges.

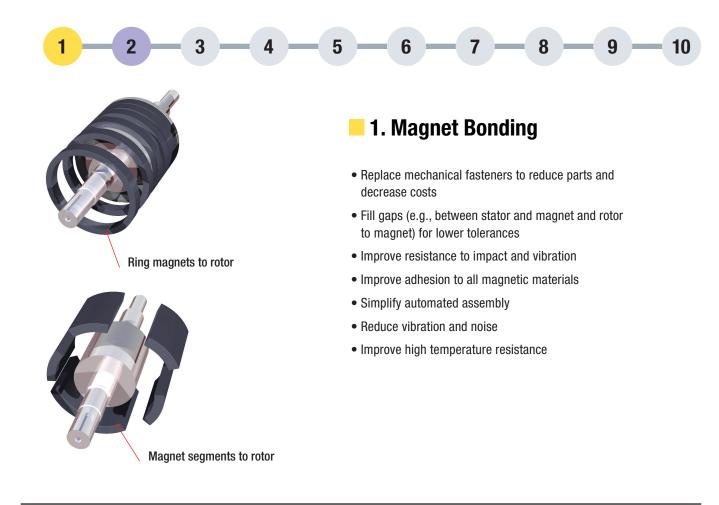
#### **TECHNOLOGY LEADERSHIP**

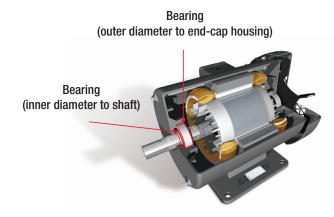
Complete product portfolio recognized in manufacturing and maintenance for delivering exceptional performance.

#### **INDUSTRY KNOW-HOW**

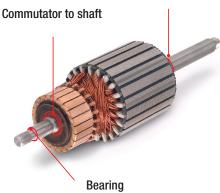
We bring a wealth of expertise and experience to our customers to improve efficiency, product reliability and overall costs.







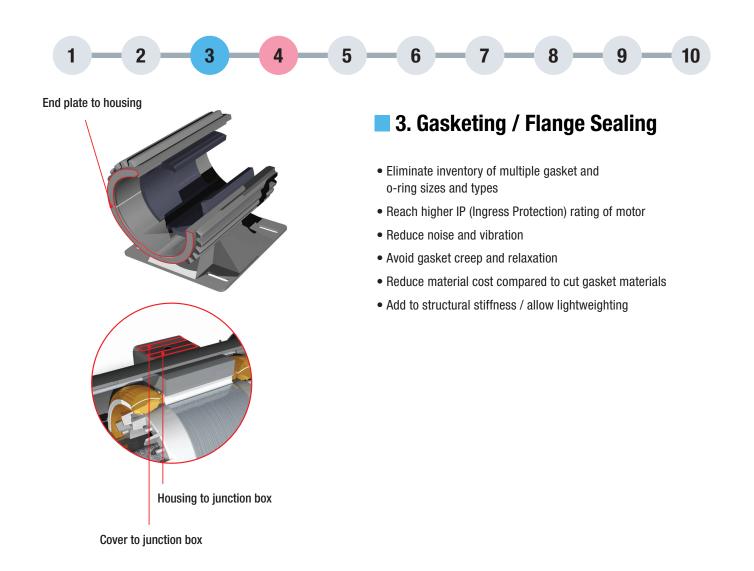
Armature to shaft

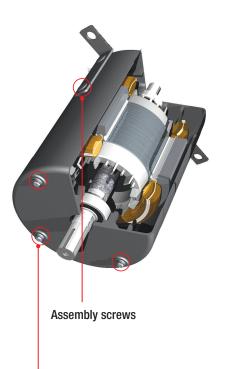


#### (inner diameter to shaft)

## 2. Retaining

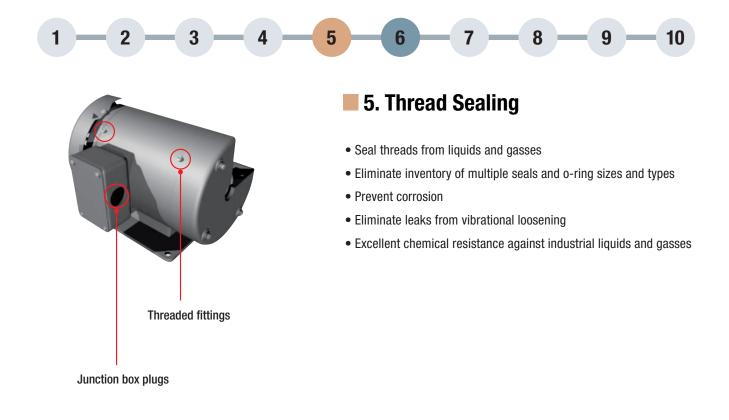
- Increase torque load transfer of existing designs
- Provide even distribution of load and stresses
- Prevent corrosion from fretting or environmental exposures
- Reduce tolerances, overall size and weight while maintaining equal performance
- Eliminate backlash/wallowing in keyways and splines





### 4. Threadlocking

- Maintain proper clamp load over life of motor
- Eliminate bolt loosening from vibration or thermal cycling stresses
- Seal threads from liquids and gasses
- Prevent corrosion
- · Replace more costly or less effective mechanical locking devices





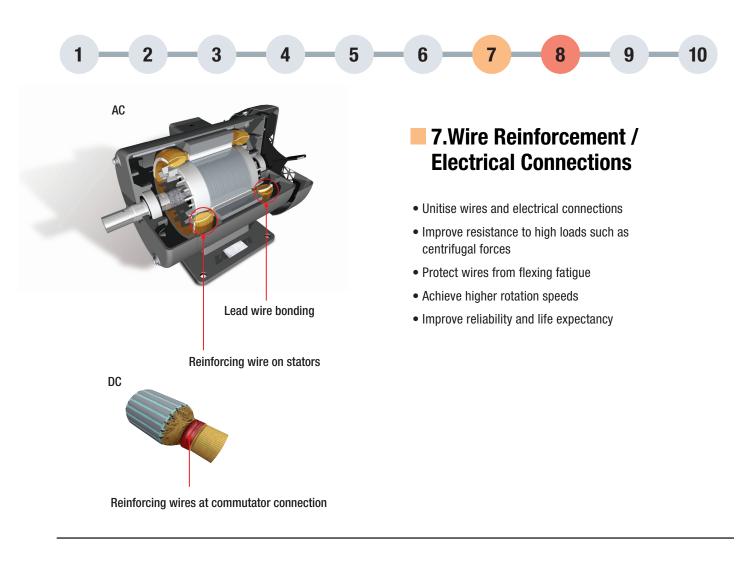
Potting of control box

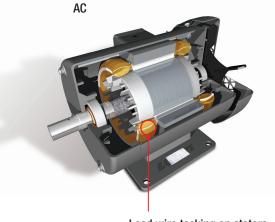
## 6. Potting

- Encapsulate and insulate from environmental effects
- Protect components against impact, vibrations, thermal shocks, moisture and dust
- Prevent contamination and corrosion
- Improve heat dissipation
- Simplify process automation
- Improve reliability and life expectancy

Henkel offers various dispensing and curing equipment that can be easily integrated into your manufacturing process. For additional information, contact your Henkel representative or visit www.henkel.com/XXXXX.



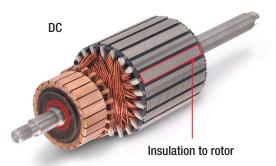


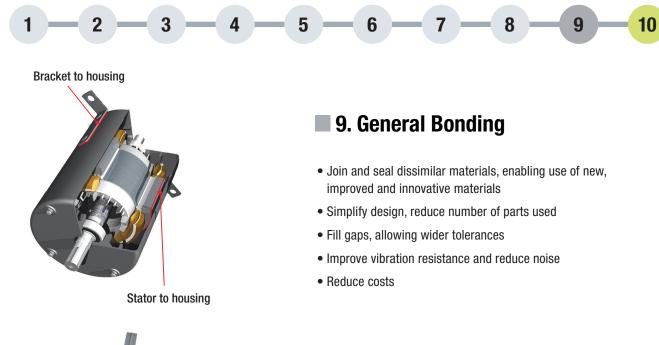


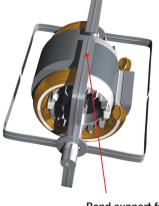
Lead wire tacking on stators and insulation to stator wires

# 8. Tacking

- · Position wires and insulation during manufacturing
- Prevent wire breakages due to vibration and during motor assembly and handling







Bond support frame



## 10. Functional Coatings & Cleaners

- Dramatically enhance coating adhesion
- · Improve the long-term durability of the final finish
- Increase user safety and decrease environmental impact of your processes
- Reduce total processing costs

To learn more about LOCTITE solutions for electric motors, visit www.henkel.com/XXXXX. For dispensing and curing equipment options, visit www.henkel.com/XXXXX. Call 1-800-LOCTITE to speak to a Henkel representative. L@CTITE. BONDERITE. TECHNOMELT. TEROSON. AQUENCE.

Regional address and contact info Xxxxxxx Xxxxxxxx Xxxxxxxxx xxxxx.com

www.henkel.com/XXXXXX

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