

Press release

April 20, 2020

Innovative non-tack patch with high expansion for gap filling

Henkel has developed new magnet bonding tape with easy assembly and high material expansion for electric motors

Düsseldorf, Germany – Strong magnets are essential components to optimize the performance of electric motors. Manufacturers are looking for efficient and safe solutions that can fix these magnets into their position in the rotor, while compensating manufacturing tolerances. With Loctite EA 9536, Henkel has developed a novel solution tailor-made for the use in electric motors.

Loctite EA 9536 offers unique properties compared to existing solutions on the market. The epoxy-based adhesive film can be produced in various sizes and shapes customized to the specific application. Thanks to its low-tack characteristic the product is easy to apply. In addition, Loctite EA 9536 can absorb oil and dirt and thus eliminates the need to clean the surface. After application, the special epoxy resins create a strong and elastic bond that holds magnets securely in position.

“With our new Loctite EA 9536 we offer manufacturers of electric motors an innovative solution that combines efficiency and flexibility with high-performance”, explained Tony Wang, Business Development Manager at Henkel for Automotive Electronics. “The product is already in use on the production lines for several applications such as E-Scooters. It can be expanded and cured at temperatures of up to 140°C in a common process of industry suppliers. The adhesive film can fill gaps, fix the magnet securely in position and compensate for manufacturing tolerances in the electric motor.”





About Henkel

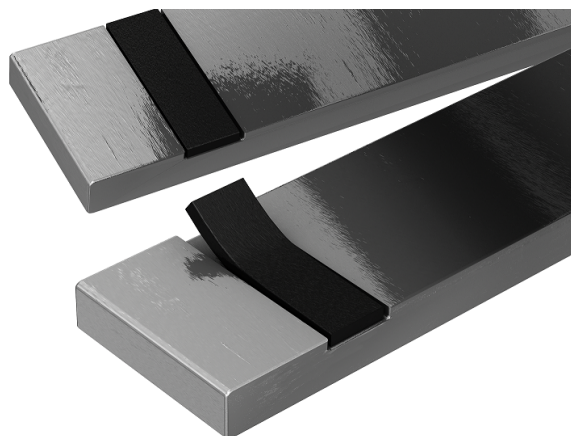
Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2019, Henkel reported sales of more than 20 billion euros and adjusted operating profit of more than 3.2 billion euros. Henkel employs more than 52,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose to create sustainable value, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many international indices and rankings. Henkel's preferred shares are listed in the German stock index DAX. For more information, please visit www.henkel.com.

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