

Press Release

2015/09/04

High performance meets safety and extended shelf-life in food packaging

Henkel offers new food safe adhesive system for demanding flexible packaging applications

Henkel recently launched Loctite Liofol LA 2760 / LA 5891-21 and Loctite Liofol LA 2760 / LA 7371. The new food safe modular aliphatic adhesive system offers optimal solutions for high performance retort processing and demanding flexible packaging applications. With just one system for inner and outer layer Henkel's LA 2760 / LA 5891-21 grants direct FDA 177.1390 compliance while Loctite Liofol LA 2760 / LA 7371 allows curing at room temperature.

Extended shelf-life is one of the dominating trends in the food industry of today. It offers more value and convenience for retail and consumers while generating sustainable benefits by reducing food loss. Packaging is the centerpiece of extended shelf-life. It can be achieved by retort process which requires a certain product and temperature resistance of the food packaging material. When it comes to food, the packaging material not only has to withstand the requirements of demanding and high performance applications. It also has to fulfil rising requirements in safety and health both during the production process and to guarantee food safety for consumers.

Modular Loctite Liofol LA 2760

“The new Loctite Liofol adhesive system offers just that adding sustainable benefits, reduced complexity and outstanding overall performance.” says Regina Müller, Marketing Manager at Henkel. “In combination with the hardener LA 5891-21 Loctite Liofol LA 2760 grants direct FDA 177.1390 compliance. If you focus on curing at room temperature the combination LA 2760 / LA 7371 is your perfect choice.”



Stefan Tomke, Technical Manager at Henkel, states: “The new modular aliphatic adhesive system is dedicated for high performance applications covering low migration and fast curing products. It offers high reliability and sustainability for food and non-food packaging and delivers best results for film/film structures including SiOx- or AlOx-coated barrier films and, film/foil structures.”

Just one system for inner and outer layer

Loctite Liofol LA 2760 / LA 5891-21 and LA 2760 / LA 7371 are suitable for retort applications up to 60 minutes and a temperature up to 134 degrees Celsius. Unlike existing solutions in the market neither tin catalyst nor Bisphenol-A epoxy resins are used in the manufacture. Since the adhesives are based on aliphatic isocyanate starting materials they do not require testing for primary aromatic amines. With just one system for inner and outer layer and with a high percentage of solid content of up to 40 percent, both combinations reduce the consumption of ethyl acetate while granting best wetting properties and high filling good resistance.

Loctite Liofol is a registered trademark of Henkel and its affiliates in Germany and elsewhere.

Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies. Founded in 1876, Henkel holds globally leading market positions both in the consumer and industrial businesses with well-known brands such as Persil, Schwarzkopf and Loctite. Henkel employs around 50,000 people and reported sales of 16.4 billion euros and adjusted operating profit of 2.6 billion euros in fiscal 2014. Henkel's preferred shares are listed in the German stock index DAX.

Photo material is available at <http://www.henkel.com/press>

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