



Press Release

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Technology approval for Loctite Liofol laminating adhesives enables better recyclability and more second life options after use for flexible packaging

Henkel adhesives gain RecyClass approval for recyclability

Düsseldorf – Two Henkel adhesives from the Loctite Liofol RE range for use in flexible packaging have been recognized by RecyClass as fully compatible with existing recycling processes for polyethylene (PE). The development of these adhesives ensures that flexible packaging can be recycled into higher quality plastics, and it enables better second life options in various applications. This is a key milestone towards greater sustainability and the creation of a circular economy.

RecyClass is a comprehensive cross-industry initiative that advances plastic packaging recyclability and ensures traceability and transparency of recycled plastic content in Europe. The organization aims to establish a harmonized approach towards recycled content calculation through activities such as the rigorous scientific testing and certification of innovative materials.

“To receive the RecyClass approval, our innovative SF adhesives were extensively tested in accordance with strict scientific protocols that have confirmed their suitability for the packaging recycling process,” explained Guilherme Fernandes, Senior Manager Product Development Polyurethanes at Henkel. The Henkel solution has been tested by the RecyClass PO films Technical Committee. During the assessment, it has been reviewed how the different solvent-free laminating adhesives impact the properties of laminated LDPE film layers after recycling.

As a result, it has been confirmed that both solvent-free laminating adhesives are fully compatible with existing European industrial recycling processes for PE flexibles. Furthermore, the use of both adhesives did not have any negative impact on the quality of the recycled content and was proven to be ‘suitable for use in high quality applications such as PE blown films up to 25%.

“Our RE range of adhesives is designed to enable better recyclability of packaging,” said Alexander Bockisch, Head of Market Strategy Flexible Packaging at Henkel. “The RecyClass technology approval for our adhesives creates more transparency for packaging designers towards the use of packaging components that are truly compatible with recycling.”

To learn more about how Henkel can support more sustainable manufacturing, please visit: [Adhesives enabling recycling - Henkel Adhesives \(henkel-adhesives.com\)](https://www.henkel-adhesives.com)

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 2020, Henkel reported sales of more than 19 billion euros and adjusted operating profit of about 2.6 billion euros. Henkel employs about 53,000 people globally – a passionate and highly diverse team, united by a strong company culture 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.

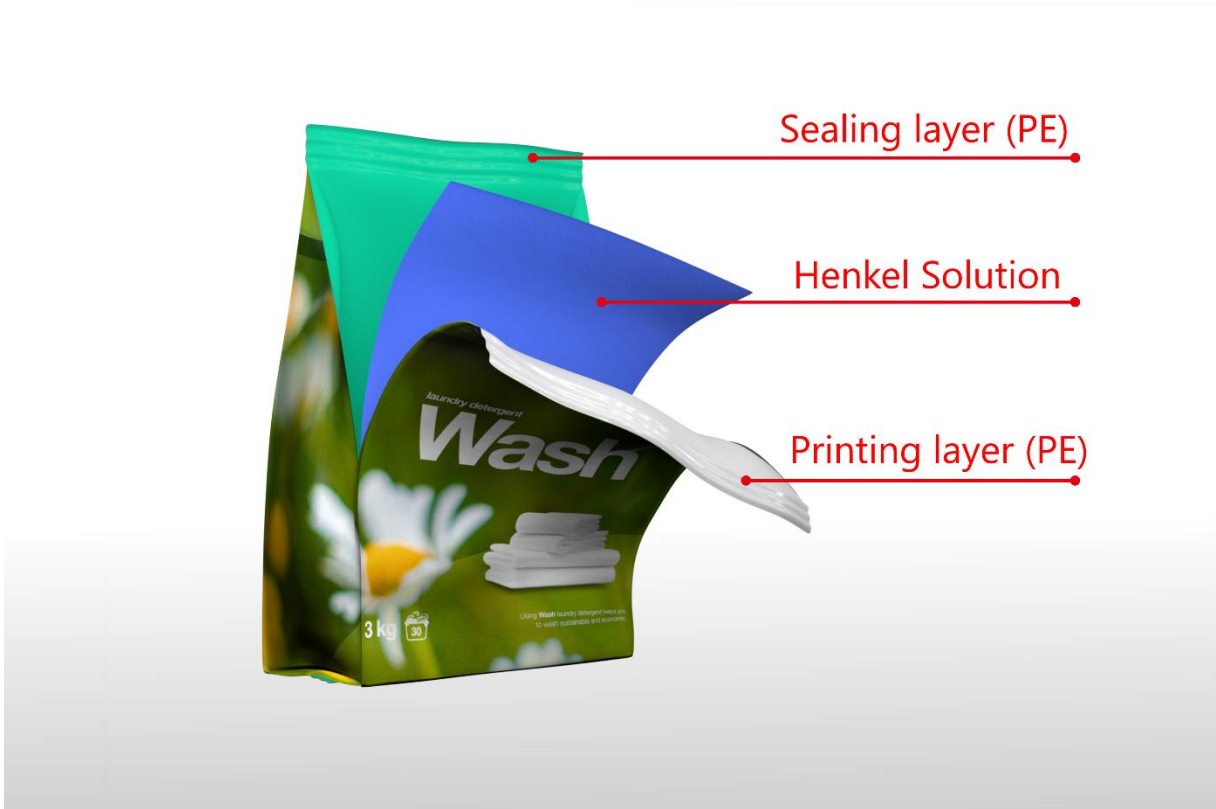
Photo material is available at www.henkel.com/press

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The following photo material is available:



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