

## Press Release

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New formulations for both cold and hot metal forming

### Henkel to showcase latest coating & lubricant advances at Wire Düsseldorf 2016

At the April 4-8 Wire Düsseldorf 2016 show, Henkel will introduce new formulations for some of its leading processes and technologies, including the Bonderite L-FM FL one-step polymer coating process for automotive components and screws, and Bonderite L-FG process lubricant for hot metal forming.

Lubrication solutions for automotive suppliers and tube manufacturers will be presented on the Henkel Adhesive Technologies stand (Hall 11, booth B73) at Wire Düsseldorf 2016, the international wire and cable trade show in Germany.

The current portfolio for Bonderite L-FM FL will particularly interest automotive component manufacturers that do cold forming extrusion of powertrain transmission parts and screws. "This process offers many benefits," notes Emilio Bucci, Henkel's Business Development Manager for Cold Forming in Europe. These include: a simplified coating process compared to traditional phosphating (reducing the number of stages from 10 to 3); longer tool life through improved lubrication; improved process efficiency; and greater cost effectiveness.

The process also enhances sustainability by reducing energy usage, eliminating waste and lowering CO2 emissions. Henkel specifically developed its line of Bonderite L-FM polymers for cold forming using environmentally sustainable technology that can easily be applied with in-line or batch systems.

Additionally, Henkel will be showcasing new formulations of Bonderite L-FG, its process lubricant for hot metal forming.



“The technology provides a graphite lubricating coating for mandrels of the hot-rolling tube mills,” according to Ilya Gorshenin, Henkel’s Business Development Manager for Forging in Europe. This liquid, stabilized product for simple dilution with water ensures both high adhesion and the absence of smoke, while also helping to reduce process cost by extending the service life of expensive mandrels. The new product is suitable for application on both very cold and very hot surfaces and in difficult cases can even be spray applied directly into the hot shell.

Henkel operates worldwide with leading brands and technologies in three business units: Laundry & Home Care, Beauty Care and Adhesive Technologies. Founded in 1876, Henkel holds globally leading market positions, both in the consumer and in the industrial businesses, with well-known brands such as Persil, Schwarzkopf and Loctite. Henkel employs about 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 [www.henkel.com/press](http://www.henkel.com/press).

Contact	Kathrin Fuss	Kevin Noels
Phone	+49 211 7970	+31 164 317 011
E-mail		<a href="mailto:knoels@emg-pr.com">knoels@emg-pr.com</a>
	Henkel Adhesive Technologies	EMG

The following material is available:



Henkel to showcase latest coating & lubricant advances at Wire Düsseldorf 2016. (Photo: Henkel, PR007)

This press release and relevant photography can be downloaded from [www.PressReleaseFinder.com](http://www.PressReleaseFinder.com).

Alternatively for very high resolution pictures please contact Kevin Noels

([knoels@emg-pr.com](mailto:knoels@emg-pr.com), +31 164 317 011).