

Press release

17/06/2013



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NORMA Group exhibits new high-performance clamp at Paris Air Show

Maintal, Germany, 17 June 2013 – NORMA Group, a global market and technology leader for engineered joining technology, exhibits its newly developed pipe retaining clamp made of plastic at this year's [Paris Air Show](#). Red Grip can be used for fastening pipes, cables and lines in aircraft, motor vehicles, commercial vehicles or trains. As compared with conventional pipe retaining clips made of metal, the new Red Grip clamp is made of the high-performance plastic polyether ether ketone (PEEK) that stands out for its material properties: the clip is suitable for applications in the temperature range between -50°C and +250°C – in an aircraft engine compartment, for example. NORMA Group is exhibiting Red Grip in hall 4, booth C38 at the Paris Air Show. The aviation exhibition takes place in Le Bourget near Paris, France, from 17 - 23 June 2013.

“Red Grip is an outstanding example of our engineering skill, which even goes into such small products,” says Bernd Kleinhens, Board member Business Development. “The new plastic pipe clip not only shortens assembly time, its low weight also helps our customers save resources.”

To reduce the overall weight of the systems, companies are increasingly turning to lightweight construction. This trend is continuing down the smallest components. The newly developed plastic pipe clip Red Grip is about 10 to 15 per cent lighter than the standard configurations of the metal retaining clip and its design is impressively compact. Red Grip makes it possible to encircle cable harnesses and piping systems completely. The silicone pad, which is securely mounted in the two-component injection moulding process, eliminates the need for special tools: the plastic pipe clip can be fastened quickly to the cable or pipe with just one movement of the hand. The permanently integrated silicone pad protects cable insulation by decoupling oscillations caused by vibrations. Due to the robust material properties the plastic pipe clip barely changes its shape under strong temperature fluctuations. It is resistant against oils, fuels, alcohols, acids and ageing due to UV exposure. Red Grip is available in sizes ranging from 8 to 50 millimetres.

Additional information on the company is available on www.normagroup.com. Press photos are available from our platform on www.normagroup.com/presspictures.

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About NORMA Group

NORMA Group is an international market and technology leader in engineered joining technology. The company manufactures a wide range of innovative engineered joining technology solutions in three product categories (clamp, connect and fluid) and offers more than 30,000 high-quality products and solutions to approximately 10,000 customers in 100 countries. NORMA Group joining products can be found in vehicles, ships, trains, aircraft, domestic appliances, engines and plumbing systems as well as in applications for the pharmaceutical and biotechnology industry. NORMA Group generated sales of around EUR 605 million in 2012. With around 4,500 employees, NORMA Group operates a global network of 19 production facilities as well as numerous sales and distribution sites across Europe, the Americas, and Asia-Pacific. NORMA Group has its headquarters in Maintal near Frankfurt am Main, Germany. The company was formed in 2006 as a result of the merger between the German Rasmussen Group and the Swedish ABA Group. Since April 2011, NORMA Group is listed on the German stock exchange and included in the MDAX index since March 2013.