

Press release

Oerlikon Balzers announces BALIFOR T as the ta-C solution for automotive components

Balzers, Liechtenstein, 15 December 2017 – Oerlikon Balzers offers the complete coating portfolio for automotive components with a range from DLC to MoN to ta-C solutions. Customers are supported by Oerlikon Balzers' expertise to identify the best solution for their application with tailor-made coatings.

Being the global market leader for automotive coatings and with extensive experience in the sector, Oerlikon Balzers is familiar with the requirements, processes and standards of the industry while covering the complete value chain. The company now presents BALIFOR T as the ta-C solution for automotive components.

BALIFOR T is an additional automotive surface technology, which can be offered to global automotive customers. The portfolio of automotive component solutions spans from BALINIT DLC (Diamond-like-carbon) to BALIFOR M, the award-winning molybdenum coating, and to BALIFOR T, a tetra-amorphous carbon coating. As solution providers, Oerlikon Balzers' technical experts will consult the customers to find the perfect fit for their application. A seamless switch from BALINIT DLC to BALIFOR T is part of the game. BALIFOR T is the best choice for high temperature applications (depending on pressure), low lubrication applications for longer periods and in aggressive additive environments.

Setting the standards in coating technology, Oerlikon Balzers has delivered ta-C coatings with a high-energy arc-evaporation process for other industries such as tooling for years, now rolling them out into the automotive market in one combined solution that includes pre- and post-treatment. This service package includes the unique Controlled Contact Pressure Post-Treatment Process explicitly customised by Oerlikon Balzers, thus constantly delivering reliable results globally.

"For more than 20 years we have been partnering with the automotive industry and have profound knowledge of pre- and post-treatments. Our globally controlled and standardised processes guarantee reproducibility and can therefore deliver identical results all over the world: be it for the same production in different locations, or for the transfer from one location to another. Oerlikon Balzers fulfills the automotive standards in requirements, processing and industry, covering the complete value added chain from OEMs to Tier2." says Jochen Weyandt, Head of Automotive Solutions at Oerlikon Balzers. "Customers can test their parts in their specific application; samples are available within a short period! Our global teams are ready for a joint development approach to develop the best tailor-made solution based on BALIFOR T."

More information is available on the website at www.oerlikon.com/balzers/



Enhanced automotive component coatings with BALIFOR T, the ta-C solution for high temperature environments.



The high-tech coating solution for high-spec requirements of automotive components.

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About Oerlikon Balzers

Oerlikon Balzers is one of the world's leading suppliers of surface technologies that significantly improve the performance and durability of precision components as well as tools for the metal and plastics processing industries. Extremely thin and exceptionally hard coatings, marketed under the BALINIT and BALIQ brand names, reduce friction and wear. The BALITHERM brand opens up a broad range of heat treatment services, whereas BALTONE comprises coatings that are available in a full range of elegant colours, perfectly suited for decorative applications. Under the technology brand BALIFOR, the company develops the technologies for tailor-made solutions for the automotive market, and ePD delivers solutions for the metallization of plastic parts with chrome effects.

Worldwide, more than 1'100 coating systems are in operation at Oerlikon Balzers facilities and its customers. Equipment engineering and assembly of Balzers' systems are processed in Liechtenstein and in Bergisch Gladbach (Germany).

Oerlikon Balzers operates a dynamically growing network of more than 100 coating centres in 35 countries in Europe, the Americas and Asia. Oerlikon Balzers is – together with Oerlikon Metco - part of the Surface Solutions Segment of the Switzerland-based Oerlikon Group (SIX: OERL).

About the Surface Solutions Segment

The Surface Solutions Segment of the Oerlikon Group includes the two brands Oerlikon Balzers and Oerlikon Metco.

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Oerlikon Metco enhances surfaces with coating solutions and equipment. Customers benefit from a uniquely broad range of surface technologies, coating solutions, equipment, materials, services, and specialized machining services and components. The innovative solutions improve performance and increase efficiency and reliability. As innovation leader, Oerlikon Metco is forging new paths with materials for additive manufacturing (AM). Oerlikon Metco serves industries such as power generation, aviation, automotive, and other specialized markets. The **Surface Solutions Segment** operates a dynamically growing network of currently more than 145 facilities with over 140 coating centres in 37 countries in Europe, the Americas, Asia and Australia, employing more than 6'000 people. The Surface Solutions Segment is part of the Switzerland-based Oerlikon Group (SIX: OERL).