



Protection upgraded

SurTec at Chillventa in Hall 4, Booth 4-522

SurTec brings its surface treatment expertise to HVAC applications

Solutions for corrosion protection, friction reduction and thread locking

Bensheim, October 12, 2026 - At Chillventa 2026, SurTec will present its surface treatment expertise specifically for HVAC applications for the first time. The focus will be on the surface treatment of different HVAC components - from housings and heat exchangers to compressors and threaded components.

“HVAC systems usually focus on efficiency, reliability, durability and regulatory compliance. The role that surfaces play in the individual components such as housings, heat exchangers and compressors to address these challenges, however, is often overlooked,” explains Christian Gundlach, Global Business Development Manager at SurTec. “This is precisely where SurTec comes in. At Chillventa, we aim to present our broad range of technologies to HVAC market manufacturers for the first time, thereby highlighting the importance of surface treatment.”

SurTec’s portfolio for HVAC applications includes passivation processes for aluminum delivering excellent corrosion protection without impairing heat transfer properties which is particularly important for heat exchangers. Steel housings benefit from outstanding paint adhesion and corrosion protection

achieved through our phosphate-free pre-treatment technology prior to powder coating. For compressors, the dry-lubricating SurTec Coat product family offers reduced friction leading to increased efficiency and longer component lifetime. The portfolio is complemented by dedicated solutions for threaded parts that ensure corrosion protection and controlled friction, as well as precote® products for reliable thread locking and sealing. To meet regulatory requirements, selected products from the precote® and SurTec Coat portfolio are also available in PFAS-free formulations.

Christian Gundlach will explore the importance of surface treatment for HVAC systems in greater depth in his presentation “On the Importance of High-Performance Chemical Surface Treatment in HVAC Units” as part of the Chillventa specialist forums. Using selected applications, he will show how chemical surface treatment can contribute to corrosion resistance, paint adhesion and energy efficiency. The presentation will take place on Wednesday, October 14, 2026, from 3:20 to 3:40 p.m., Hall 8 / 8-512.

SurTec will present its surface solutions for HVAC applications at Chillventa from October 13 to 15, 2026, at the joint booth with Freudenberg Sealing Technologies, Klüber Lubrication and Vibracoustic in Hall 4, Booth 4-522.

About SurTec

Surface technology company SurTec develops, manufactures, and distributes chemical specialties for surface treatment worldwide. SurTec covers the full portfolio in this area with its six fields of application: industrial parts cleaning, cold forming, metal pre-treatment, functional and decorative electroplating, and functional coatings. With modern and sustainable developments and global technical centres, SurTec is pioneering. Decades of experience are used to develop environmentally responsible, high-performance finishing processes.

SurTec is certified to the international standard ISO 9001 (Quality Management). The additional certifications according to OHSAS 18001 or ISO 45001 and ISO 14001 underscore the company's strong commitment to occupational health and safety as well as environmental sustainability and resource conservation.

The SurTec Group, headquartered in Bensheim, Germany, is part of Freudenberg Chemical Specialities GmbH and operates in collaboration with partners in over 40 countries worldwide. SurTec employs its own staff in 22 countries.

www.SurTec.com

About Freudenberg Chemical Specialities

Freudenberg Chemical Specialities develops, manufactures and markets chemical specialities. To be close to its customers, the company is represented globally in the market with its Business Units, Klüber Lubrication, Chem-Trend, SurTec and Capol. Freudenberg Chemical Specialities is one of the leading manufacturers of specialty lubricants, release agents, chemical solutions for surface technologies and chemotechnical maintenance products, as well as solutions for the treatment of confectionery and other foodstuffs. Headquartered in Munich, Germany, the Business Group operates its own companies in some 40 countries. Freudenberg Chemical Specialities employs about 4,000 people and generates sales of about € 1.5 billion.

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