

Welcome to Sulzer Metco in Limoges

Sulzer Metco has a modern and growing location for diamond-like carbon coatings (DLC) in Limoges, France. These coatings are particularly suited for use in automotive applications and motor sports.

Metco has left the Sulzer Group and is now part of the Oerlikon Group.

oerlikon
metco



Through the acquisition of Bekaert's DLC division in 2010, Sulzer Metco expanded its technology portfolio in the area of thin-film surface coating. The location in Limoges that is involved in this field has a long history of success with DLC coatings. The first engines were coated with DLC here as long ago as 1995, and the location has experienced active growth in the meantime. This is especially evident from the numerous expansion activities in the production halls in the last few years. Clients can be sure that the 65 employees at the location will guarantee the very best quality at all times.

Established in motor sport—growing in new markets

DLC coatings such as CAVIDUR® and DYLYN® are characterized by their especially smooth textures. At the same time, they display low coefficients of friction and a very high resistance to wear. It is for exactly this reason that they are par-

ticularly suitable for use in motor sport, where every millisecond is crucial. Formula 1 teams worldwide are equipped with DLC coatings. At the Limoges site, the majority of the business is generated in motor sport. Significant and steady growth can, however, also be seen in the fields of plastics, automobiles, engineering, and metalworking. Surface solutions for the semiconductor industry are also being offered in increasing numbers.

The highest standards for equipment and control

Limoges has a modern, fully automated cleaning line that meets all customer requirements. Eleven coating installations are currently in continuous operation. These include DLC coating installations and a PVD (physical vapor deposition) system. In particular, Limoges is able to guarantee a high quality of production through its cleanroom. A special feature of the Limoges site is the final inspection at the end of the coating process: visual inspections as well as additional mechanical and computer-supported analyses—in some cases with equipment developed inhouse for large components—ensure the highest quality of the end products.

The location in Limoges is world-famous in motor sports for diamond-like carbon coatings.

Center of excellence and cooperation with universities

In order to be able to guarantee state-of-the-art coating solutions for clients, the site also operates an R&D system. Coatings that have been modified and further developed can be tested

The team in Limoges sets new standards with its DYLYN® coatings.

under realistic production conditions, which makes the rapid transition to a sustainable production process particularly easy.

In addition, Limoges is currently working together with the University of Limoges and leading partners from the automobile industry on a research project that will set new standards with its DYLYN® coatings. The proximity of the location to the university, which is only 500 meters away, facilitates the continuous cooperation with qualified students and institutes.

Sulzer Metco in Limoges stands out through its impressive diversity. In addition to modern coating installations and high-tech equipment, the expert knowledge of the employees is just as important as the wide competence network with industry and research. Through the experience and the broad-based expertise of the employees in Limoges, Sulzer can continue to grow internationally and expand its position as a technology expert.

