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Thermal Spray Coating: formulation of many knowledge

Thermal spray technology (TST) encompass a group of coating processes that provide functional surfaces to protect or improve the performance of a substrate or a component. Many types and forms of materials can be thermal sprayed - which is the reason why this technique is popular worldwide to provide protection from corrosion, wear, and heat; to restore and repair components; to promote the biocompatibility of the parts intended to be used inside the human body.

This process covers a wide range of high tech markets such as: IGT (Industrial Gas Turbine), AE (Aviation Engine), Bio-Medical Devices (Orthopedic and Dental). We'll get in touch with technologies/applications/markets of TST, the appropriate quality control techniques and specific performances achieved by components once coated.

