

The coatings Flubetech has developed for the biomedical sector are fully biocompatible and certified compliant with the ISO 13485 standard for Medical Devices. They are mainly used in dental implants, prosthetics and surgical instruments.

	Hardness	Friction Coefficient	Colour	Thickness ( $\mu\text{m}$ )	Oxidation T
BioNitride	2500HV	0,3	Gold	1 <sup>+1</sup>	500°C
BioCarbide	2300HV	0,1-0,01	Anthracite black	1 <sup>+0,5</sup>	450°C

## BioNitride

BioNitride is a coating based on the compound TiN, specially developed by Flubetech for the protection of biomedical materials subjected to friction and wear, such as removable dental prostheses, attachments, hip, knee and spine prostheses and fastening elements.



## BioCarbide

BioCarbide is a multilayer coating with carbon compounds. Biocompatibility, high corrosion resistance and low friction coefficient make it highly recommended for surgical instruments and biomechanical components.



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