



Electro Optical Components, Inc.

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HIGH TEMPERATURE NANOAMORPHOUS CARBON COATINGS FOR BIOCOMPATIBLE APPLICATIONS

Electro Optical Components offer a low internal stress coating that is biocompatible and has high temperature stability.

The [EOC coating has high temperature stability up to 750°C](#). These nanoamorphous carbon coatings can also be made electrically conducting, with conductivity varying from dielectric to metallic.

Work has been done with this coating on surgical tools where rapid heating by sending a current through the coating was used to cauterize.

EOC can provide sample coatings on suitable substrates for testing. Titanium, for example, is a good substrate.