

## MATERIALS USED IN KOOKI FRAMES

As a rule all KOOKI frames are:

- 100% corrosion resistant
- 100% hypoallergenic (suitable for allergy sufferers)
- 100% quality

### PLANITAN

Planitan is a non-magnetic material with excellent corrosion resistance and outstanding skin-compatibility qualities. This material is also employed in surgery, e.g. for artificial joints.

The composite includes 1% silver giving it optimal manufacturing properties. Planitan exhibits a high degree of stability, making it an extremely suitable material for the production of high-grade and durable spectacle frames.

Special features: Planitan is easy to solder. It is exclusively produced and distributed globally by **KOOKI**.

### SPORTFLEX

SPORTFLEX is a high-tech material with shape-memory properties, i.e. the alloy always springs back to its original shape. It was developed to provide frames with dimensional stability capable of enduring high levels of strain, thereby significantly reducing the risk of injury. KOOKI has succeeded in soldering SPORTFLEX directly, without using ferrules. The result is not only highly aesthetic, but the soldering also makes the frames far more durable than those designed with mechanical fasteners.

Special features: SPORTFLEX frames can be adapted easily. Heating reduces the elastic properties and the frame can be fitted as required. The material regains its extreme flexibility as soon as it cools down again. It is exclusively produced and distributed globally by KOOKI.

### TITANIUM

Titanium, a material much employed in aerospace technology due to its unique properties, has only been available in industrial quantities since the 1940s. Extracted from iron titanium oxide or titanomagnetite it is extremely light and exhibits high corrosion and allergy resistance. Even extremely small parts such as endpieces and pad arms can be made from titanium. KOOKI frames contain the highest possible titanium content.

Special features: As a result of friction between different parts made of titanium, the hinges may become worn with time. Therefore KOOKI titanium frames have washers inserted at these critical points.