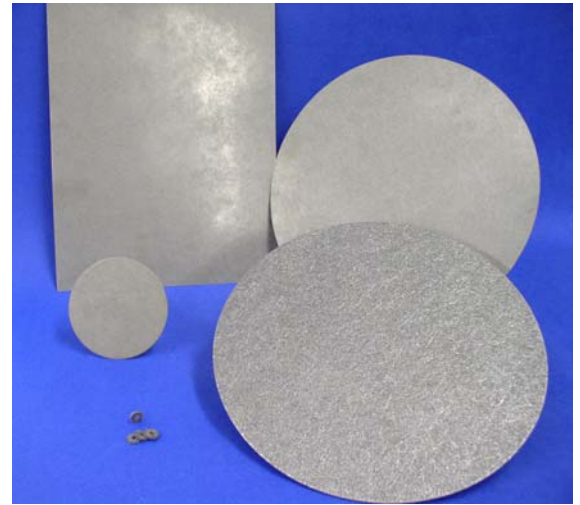


NIKKO TECHNO Sintered Metal Fiber Products

Sintered Metal Fiber Products are made by various metal fiber with our unique technology Foil Shaving Method. They become porous body. We do not use any binders in our sintered products.

Especially, the fiber manufacturing is possible for titanium from diameter $20\ \mu\text{m}$. The titanium sintered products with the fine fibers have an excellent resistance to corrosion, mechanical properties and the biocompatibility which are not seen in other metals. We can change the porosity and thickness of sintered metal fiber products based on customers' requirements. The products have a large surface area and let the air and the liquid through it because they are porous media.

Please feel free to contact us if you have any inquires and requests.



Available fiber diameter (μm)

20~150 μm

(effective diameter, cross-section recalculated to circle)

Weight

200~+/- 5,000 g/m²

Porosity

around 50 to 80%

Panel dimensions

10 x 10 mm to 440 x 580 mm

(other dimensions: upon request)

Thickness

0.1mm~5.0mm

Available as mono-layer and multi-layer

Also available plated with gold or platinum

