



Introduction

Baoji Along Filtration Material S&T Co.,Ltd is a professional research and development original manufacturer of metal sintered porous materials technology innovative enterprise. Along-Tech is committed to the research, development and manufacture of various metal powder sintered porous materials such as titanium, stainless steel, nickel alloy, and metal fiber sintered porous materials. Along is one of the earliest professional R&D and production of metal powder sintered plate enterprises. Over the years, our products have been exported to Britain, America, France, Germany, Hungary, Russia, Korea, Japan, Australia, Poland and other countries and regions with advanced technology and excellent quality, widely used in petrochemical, chemical, pharmaceutical, food and beverage, electronics, new energy, aerospace and atomic energy industries.

Production and Research

The metal powder sintered porous materials independently developed and produced by Along-Tech are widely used in petrochemical, chemical, pharmaceutical, food, water treatment, metallurgy, new energy, aerospace and atomic energy industries due to their advantages such as high filtration accuracy, uniform pores, high pressure strength and good acid and alkali corrosion resistance. Our independently developed and produced super large and super thick titanium powder sintered porous plate has won the national, provincial and municipal science and technology progress award and national defense contribution award for its precise size and advanced technology. Our main products are titanium and stainless steel sintered porous materials, and we also develop and produce nickel and nickel-based alloy sintered porous materials, such as MONEL, INCONEL sintered porous materials and intermetallic compound sintered porous materials such as rare, NiAl, Fe3Al and TiNi etc.

Technology and Quality

Along-Tech is not only has advanced production equipment and perfect quality management testing system, but also has a technical research and development team mainly composed of experts and scholars in the field of powder metallurgy, we cooperate with many domestic scientific research institutes and professional colleges to undertake the research and development and trial production of national key projects. We have obtained the ISO9001 quality management system certification and strictly implemented the standardized management in the production process to ensure that the product quality meets the requirements. We strictly implement the quality inspection standards, from the metal powder raw materials, seals, joints and other accessories procurement to the production and processing, finished product testing and inventory control each link always adhere to the quality first production concept, to win the trust of customers with excellent products.

Development

Adhering to the innovative development concept of scientific and technological innovation and serving the future, Along-Tech works with global customers to jointly achieve scientific and technological development, continuous innovation, high efficiency and stability, and win-win cooperation.

Responsibility

Along-Tech has the courage to assume the social responsibility given to us by the development of enterprises, practice green production and sustainable development, and use our high-quality products to help our customers achieve the goal of energy conservation and emission reduction, and jointly add more green to our planet.



Produce Introduction

Metal powder sintered porous material

Metal powder sintered porous material is made of metal or alloy powder by forming and sintering at high temperature and with a rigid structure.

Production Steps: Filtrate-- Isostatic compaction--Vacuum sintering

Feature: the material contains a large number of connected or semi-connected pores, the pore structure is composed of regular and irregular powder particles, the size and distribution of pores and the size of porosity can be adjusted according to the powder particle size combination and preparation process to meet the actual needs of customers.

Advantage: good permeability、 pore size and porosity are controllable、 shape stability、 high filtration accuracy、 wear proof、 good mechanical properties、 good thermal conductivity, heat resistance, heat dissipation performance, back flush and reuse.