



FILTRATION • SEPARATION GAS DIFFUSION • FLOW CONTROL

The complete source for Porous Sintered Metal Products

Our products are used extensively in Chemical Processing, Power Generation, Petroleum Refining, Pharmaceutical Manufacturing, Food & Beverage & OEM applications. The highest quality porous sintered metal products at very competitive prices.



Sintered Powder Metal

Sintered Powder Metal Filters and Gas Diffusers

Seamless all metal filters. End fittings can be welded or sintered bonded. Elimination of welds increases strength and reliability. Single piece dimensions up to 500mm diameter and 2000mm long.

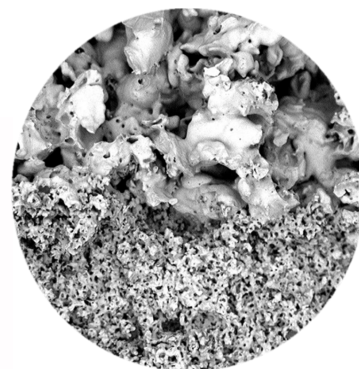


Custom Designs

Made to your specifications for your equipment

Applications include:

Flame Arrestors, Silencers, Wicks, Fluidizers, Breathers, Instrument Filters, Polymer Filters and more.



ASM Plus®—Asymmetric Membrane

Innovative two layer membrane provides efficiencies from 0.1μ to 3.0μ . Perfect for applications in fine chemistry and pharma markets.



Spargers

Porous metal spargers deliver uniform flow across the entire surface, producing smaller bubbles for more efficient reactions.



Discs and Frits

Diameters up to 500mm and efficiencies from 0.1μ to 200μ .



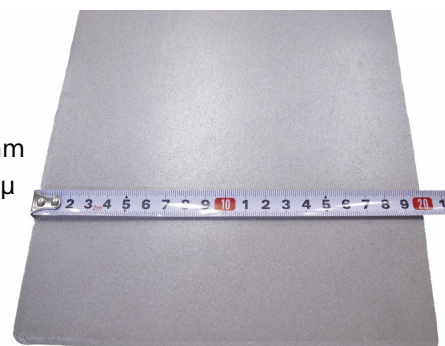
Custom Shapes

Including cones and other asymmetrical shapes.



Sheet and Plate

Maximum size: 500mm x 500mm
Filtration rating from 0.1μ to 200μ



Material Selection

SS316/316L, 304/304L, 310, 904, Titanium, Ni200, Monel 400 / 600 / 625, Hastelloy B / C22 / C276 / X / HR-160

Sintered Metal Mesh and Metal Fiber Mesh

Cylindrical Filter Cartridges

310 / 314/ 316 Stainless Steel
Hastelloy, Monel & other alloys.
Absolute ratings from 1.0 μ to 200 μ



Pleated Filter Elements

Stainless steel and other alloys.
These filters are cleanable and reusable.
Metal Mesh and Metal Fiber can be combined for very fine filtration with excellent flow characteristics.



Cone Filters

Multi-layered sintered wire mesh
Standard & Custom sizes

Guard Filters

Double tube design maximizes surface area
Cleanable / Reusable



Collect more product and
reduce the loss of powders

Fluidizing Plates

Sintered fiber metal
Sintered Metal Mesh
Uniform distribution of gases
Low pressure drop



Basket Filters

Sintered wire mesh with
perforated sheet support
Available in stainless
steel and many other
alloys



Leaf Filter Pack

Sintered fiber metal & Sintered metal mesh
Robust design for extended service life
Holds up to frequent cleaning cycles



Dust Collection Filters

Sintered Fiber Metal

Surface filtration for hot gas applications
Designed for self cleaning / blow back systems
SS 316L, 310 & FeCrAL
Ratings 1 μ —200 μ



Wedge Wire

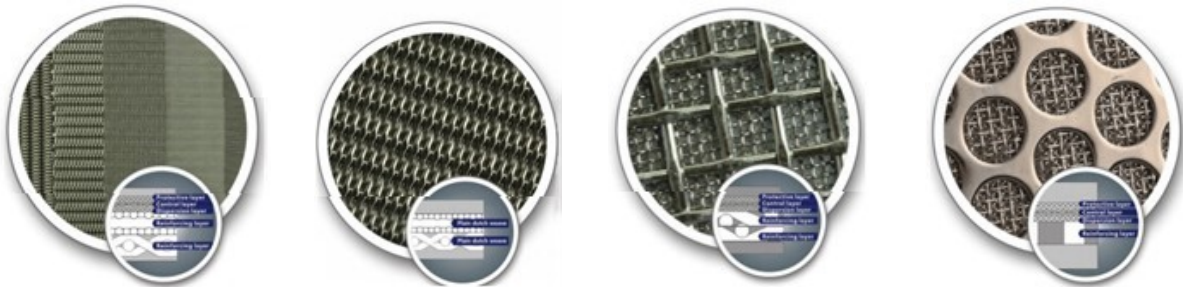
Stainless Steel Wedge Wire Screen

Filtration ratings from 30 μ —80 μ
Available in filter elements, baskets, and sheets
Easy to clean and backwash



POROUS METALS PLUS SHEET MATERIALS

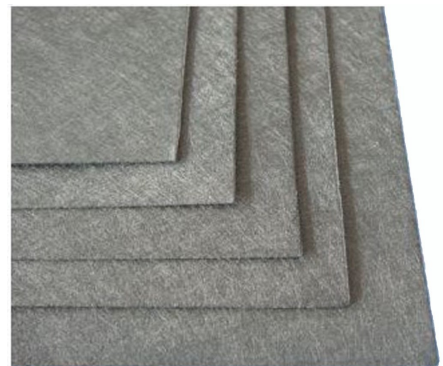
METAL MESH



Our sintered wire mesh is available in standard configurations with up to 7 layers of media to meet the widest array of applications. The layers are compressed, sinter bonded and calendared to produce a uniform surface. Options include perforated plate or woven steel wire providing very high mechanical strength.

METAL FIBER

High mechanical strength
Uniform and stable filtration efficiency
Wide range of filtration efficiencies from 2 μ – 100 μ
For Filtration, Gas Diffusion & Gas Burner Applications
Media options include 310SS, 316LSS, Nickel, Hastelloy, Fecralloy



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