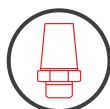




YOUR
QUALITY
THROUGH
US

SAF[®]

safsinter.it



SILENCERS



FILTERS



FITTINGS



VALVES



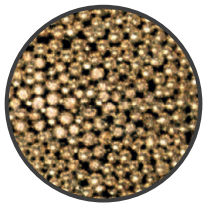
AIR-RESERVOIRS



ACCESSORIES

YOUR QUALITY THROUGH US

SAF S.r.l. was established in year 2007, following the acquisition of an important company manufacturing sintered **filters, silencers and accessories for industrial applications. SAF is a constantly growing reality**, satisfies its customers' needs and keeps always forefront in the field, with the aim to grow **both national and international business**. Our strengths are: **made in Italy**, our **own production**, **quality, flexibility, technological upgrading, punctuality** with the deliveries and **timely responses** to the specific **customer needs**. SAF S.r.l. over the years has invested in smart technicians, modern machines and recently purchasing two **new sintering lines**. This allows our company in offering an high quality product and this also by accurate quality controls.



SPECIAL FILTERS IN SPHERICAL SINTERED BRONZE

Typical chemical composition for the spherical powder used is the following:

- **Cu 88-89%**
- **Sn 10-11%**
- **P 0.2-0.5%**

Powder is yellow/brown with fusion point at 1000°C, flaming point at 700°C and density 5.8÷6 fr/cm³.

Our products are as resistant to corrosion as fused bronze with similar analysis, can take a working temperature 150°C (in neutral environment over 400°C) and are resistant to traction 3÷5 kg/mm². Air flow rates change depending on the diameter of the spherical particles composing the powder and thickness of the filter (or silencer). Filtering grade is comprised between a minimum of 5 microns to a maximum of 120 microns.



APPLICATIONS



Electric



Acoustic



Hydraulics



Offshore



Pneumatics



Fluids



Anticondensation



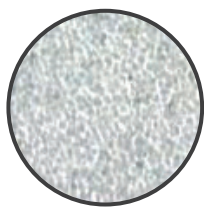
**Air
filtrations**



**Water
filtrations**



**Gas & Liquid
Processing**



SPECIAL FILTERS IN POROUS PLASTIC

Filters in porous plastic, made in Polyethylene PE, are today very popular as they are extremely resistant to chemicals and solvents. Used for filtering dust and impurities in air, water and other materials, they are light and elastic and are available with filtration grades from 5 to 120 microns and can reach working temperature of 80°C. They are widely applied in motor industry, electronics and electric appliances, in medical sector and in air and waterfiltering systems.



APPLICATIONS



Electric



Automation



Electronics



Automotive



Medical



Pneumatics



Biomedical



**Water filtration
and purifiers**



**Air
filtrations**



**Printing
industry**



Lubrication



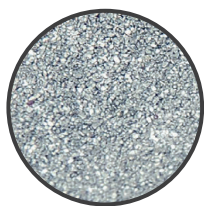
Cosmetics



Battery

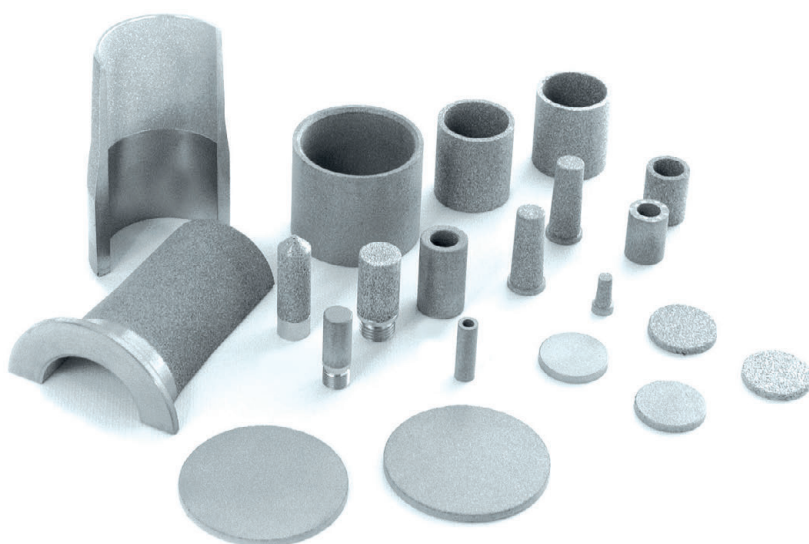


Air conditioning



SPECIAL FILTERS IN SINTERED METAL POWDER

Sintered metal powder filter elements are the ideal choice for process filtration applications where high strength and excellent corrosion and temperature resistance are required (up to 450°C). The materials principally used are: Stainless Steel AISI 316L, Titanium, Inconel 600 and Hastelloy. We can produce filters in a maximum external diameter of 200 mm, a maximum length of 1.000 mm and a filtration grade from 0,1 to 200 microns. Many are the application fields: chemical, petrochemical, pharmaceutical, medical, aeronautical, food and beverage, and others.



APPLICATIONS



**Water
filtrations**



Hydraulics



Automotive



Pneumatics



Chemical



Petrochemical



Medical



Oil & Gas



Aeronautical



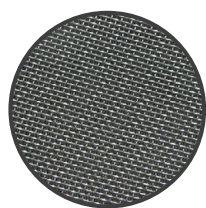
Mining



Food & Beverage



Pharmaceutical



SPECIAL FILTERS

SINTERED STAINLESS STEEL WIRE AND MESH

Sintered Stainless Steel wire and mesh filters can be manufactured in many shapes and in a wide range of materials: Stainless Steel AISI 304 and AISI 316L, Bronze, Brass, Iron and Zinc Plated Iron.

Manufactured by punching, rolling and forming the mesh, they can satisfy every customer specification. Used specially in chemical, food and beverage, pharmaceuticals and automotive industry, they present a wire diameter from 0,04 to 2 mm and filtration grade from 10 to 150 microns for wire filters, from 15 to 2.000 microns for mesh filters.



APPLICATIONS



**Water
filtrations**



Hydraulics



Automotive



Pneumatics



Chemical



Petrochemical



Medical



Oil & Gas



Aeronautical



Mining



Food & Beverage



Pharmaceutical



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