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专业源自专注，品质源于实力。近二十年，利尔公司先后独立完成了铜粉末烧结滤器、不锈钢烧结网、不锈钢粉末烧结滤器、不锈钢纤维烧结毡、铁铬铝纤维烧结毡产品、各类过滤器的研制与量产，国内著名的烧结滤材生产商，是国内可以从烧结滤材的生产制造到各种滤器（芯）的加工成型以及各种过滤系统的设计与制造的专业化生产厂家，国家级高新技术企业。公司竭力打造科技创新型企业，已获得包括三项发明专利在内的十几项国家专利，参与编写行业多项国家及行业标准，并与国内多所大学结成校企联合，共建过滤实验室等产学研用活动，共同进行科学研究。

通过多年的积淀与不断的创新，公司产品已在石油化工、精细化工、冶金、化纤、水处理、制药、电气、机械等行业里得到广泛应用。公司与国内各相关行业内诸多知名企业诸如中航工业、双汇集团、鲁西化工、中船工业、西北有色金属研究院均有密切合作，产品还远销到美国、德国、俄罗斯、波兰、土耳其、澳大利亚、印度、南非、沙特阿拉伯、日本、台湾、韩国等国家和地区。

公司以“为客户提供一流的产品，做金属烧结滤材专家”为目标，坚持“诚信、创新、合理、守时”的核心价值观和经营理念，愿与各界同仁携手合作，共创美好未来。

公司主要产品系列：

- ※ 多层不锈钢烧结网产品
- ※ 不锈钢纤维烧结毡产品
- ※ 铁铬铝纤维烧结毡产品
- ※ 不锈钢粉、铜粉烧结滤器
- ※ 各种工业滤器（芯）
- ※ 过滤成套装置和过滤设备
- ※ 水处理设备

详情请浏览：<http://www.henanfilter.com>（中文）<http://www.lierfilter.com>（英文）

Profession comes from concentration, quality comes from strength. In the past twodecades, Lier Company has independently completed the development and massproduction of copper powder sintered filter, stainless steel sintered mesh, stainlesssteel powder sintered filter, stainless steel fiber sintered felt, and fecral sinteredfiber felt,the research and mass production of various types of filters is a well-known domestic manufacturer of sintered filter materials. It is a professional manufacturer that can produce and manufacture sintered filter materials, process and shape various filters (cores), and design and manufacture various filtration systems. It is a national high-tech enterprise.The company strives to build a technology innovation oriented technology enterprise and has obtained more than ten national patents, including three invention patents. It has participated in the preparation of multiple national and industry standards in the industry, and has formed school enterprise partnerships with multiple domestic universities to jointly build filtration laboratories and other industry university research activities, and jointly conduct scientific research.

Through years of accumulation and continuous innovation, the company's products have been widely applied in industries such as petrochemical, fine chemical, metallurgy, chemical fiber, water treatment, pharmaceuticals, electrical, mechanical, etc. The company has close cooperation with many well-known enterprises in various related industries in China, such as AVIC, Shuanghui Group, Luxi Chemical, China Shipbuilding Industry and Northwest Nonferrous Metals Research Institute. Its products are also exported to the United States, Germany, Russia, Poland, Turkey, Australia, India, South Africa, Saudi Arabia, Japan, Taiwan, South Korea and other countries and regions.

With the goal of "providing customers with first-class products and being an expert in metal sintering filter materials", the company adheres to the core values and business philosophy of "integrity, innovation, rationality and punctuality", and is willing to work together with colleagues from all walks of life to create a better future.

The company's main product series:

- ※ Multilayer stainless steel sintered mesh products
- ※ Stainless steel fiber sintered felt products
- ※ Fe-Cr-Al fiber sintered felt products
- ※ Stainless steel powder and copper powder sintered filter
- ※ Various industrial filters (cores)
- ※ Complete filtration equipment and equipment
- ※ Water treatment equipment

For details, please browse: <http://www.henanfilter.com> (Chinese)  
<http://www.lierfilter.com> (English)

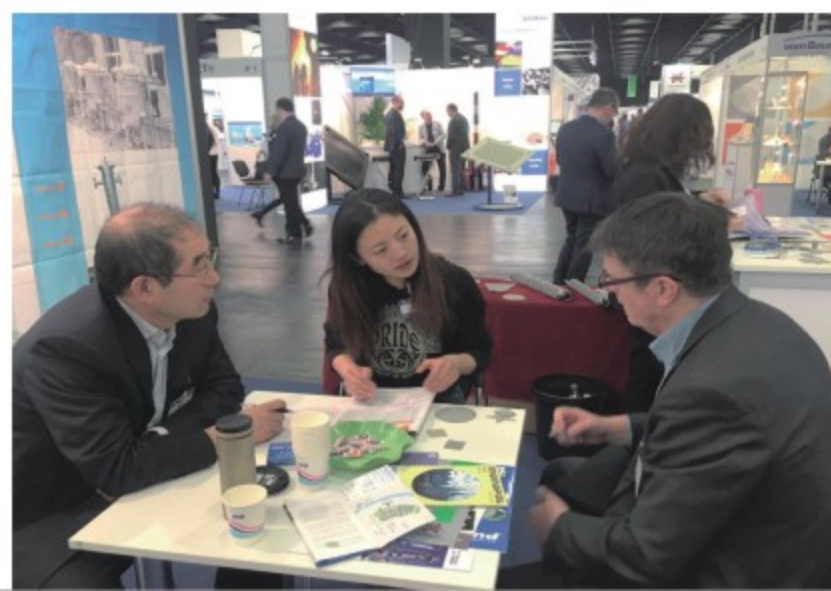
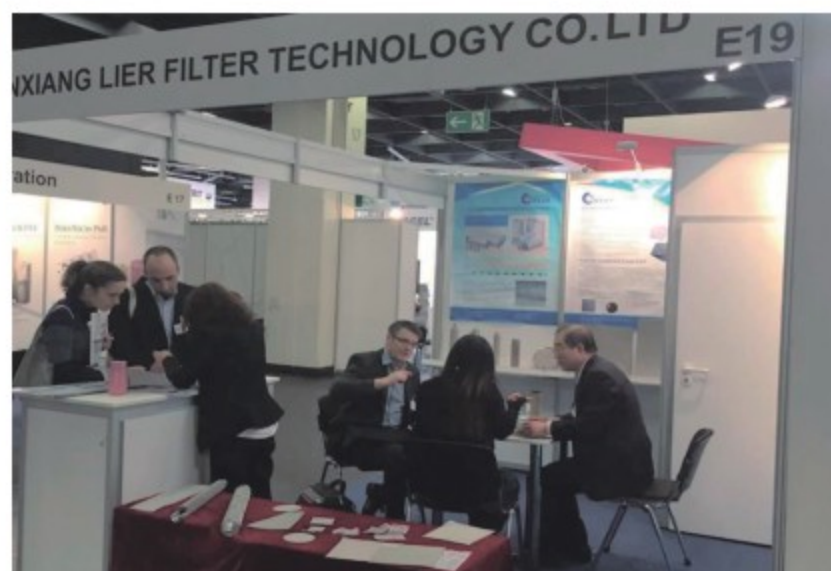
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## » 公司产品优点:

- 1.耐高温。
- 2.耐腐蚀性强。
- 3.易于反清洗，可重复使用。
- 4.过滤精度精确。
- 5.强度大。



## Product Advantages:

1. High temperature resistance
2. High corrosion resistance
3. Easy to backwash, reusable
4. High precision
5. High strength



filter

[www.lierfilter.com](http://www.lierfilter.com)



通用五层网系列  
Standard five-layer mesh

## 产品介绍:

一般为五层结构,分为保护层、过滤层、分离层、支撑层四部分,该种滤材既有均匀稳定的过滤精度又有较高的强度与刚度,对抗压要求高及过滤粒度要求均一的场合是一种理想的过滤材料。

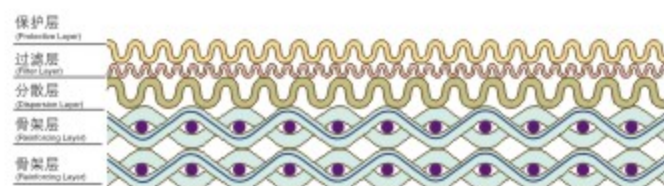
由于其过滤机制为表层过滤,而且网孔孔道光滑,故其具有优异的反洗再生性能,可以反复长期使用,尤其适合于连续化与自动化的操作过程,是任何一种过滤材料都无法相比的。

该烧结网材料易于成型、加工和焊接,制作方便可加工成圆形、筒状、锥状、波纹状等各种形式的过滤元件。

Usually standard sintered mesh consists five layers,the protective layer,the filter layer,the dispersion layer,and two reinforcing meshes.It provides excellent performances such as high precision and strength,so it is ideal filter medium for applications requiring high strength and precision.

Thanks to its surface filtration construction,and smooth wire of the mesh,it is good at backwashing and regeneration. Therefore,it can be reused for a long time,and is especially suitable for continuous and automatic operation,which exceeds any other kind of filter material.

Furthermore,this mesh is easy to be formed,machined and welded.It can be produced into many kinds of shapes such as circular,cartridge,cone and pleats.



## 特性:

## 1.强度高 刚性好

具有极高的机械强度和耐压强度,加工、焊接与组装性能良好,使用方便。

## 2.精度均匀 稳定

对所有的过滤精度均可达到均匀一致的过滤性能,在使用中网孔不变化。

## 3.使用环境广泛

可用于-200℃~600℃的温度环境以及酸碱环境的过滤。

## 4.优良的清洗性

逆流清洗效果佳,可反复使用,寿命长(可采用逆流水、滤液、超声波、熔解、烘焙等方法清洗)



## Features:

1.High strength:extreme mechanical strength and pressure tolerance, can be machined,welded and assembled.

2.High precision:consistant filter property in media grades,without apertures changing during operation.

3.Heat resistant:can be continuously used in temperature ranging from -200℃ to 600℃ and filtering in acid and alkali conditions.

4.Cleanable :backwash and clean easily, can be reused with longer service span,and can be cleaned by means of ways,such as backstream,filtration liquid,ultrasonic,dissolution and baking.

通用五层网系列  
Standard five-layer mesh

## 产品规格及技术参数(Product Specifications and Technical Data):

型号 type	名义精度 nominal precision(μm)	绝对精度 absolute precision(μm)	气体渗透性 air permeability(L/min·cm <sup>2</sup> ·pa)	冒泡压力 bubble point pressure(pa)
sw1	1	6-7		5300-6000
sw2	2	8-9	(1-6)×10 <sup>-4</sup>	4300-5000
sw5	5	11-13	(6-10)×10 <sup>-4</sup>	3000-3700
sw10	10	16-18	(6-10)×10 <sup>-4</sup>	2700-3300
sw15	15	24-26	(1-6)×10 <sup>-3</sup>	2000-2600
sw20	20	28-32	(1-6)×10 <sup>-3</sup>	1800-2300
sw25	25	34-36	(6-10)×10 <sup>-3</sup>	1400-1900
sw30	30	40-45	(6-10)×10 <sup>-3</sup>	1200-1700
sw40	40	50-55	(1-6)×10 <sup>-2</sup>	1000-1500
sw50	50	71-80	(1-6)×10 <sup>-2</sup>	900-1200
sw70	70	86-95	(6-10)×10 <sup>-2</sup>	700-1100
sw100	100	110-120	≥5×10 <sup>-2</sup>	650-1000
sw150	150		≥5×10 <sup>-2</sup>	
sw200	200		≥8×10 <sup>-2</sup>	
sw300	300		≥8×10 <sup>-2</sup>	

标准尺寸: 1200×1000mm

标准厚度: 1.7mm

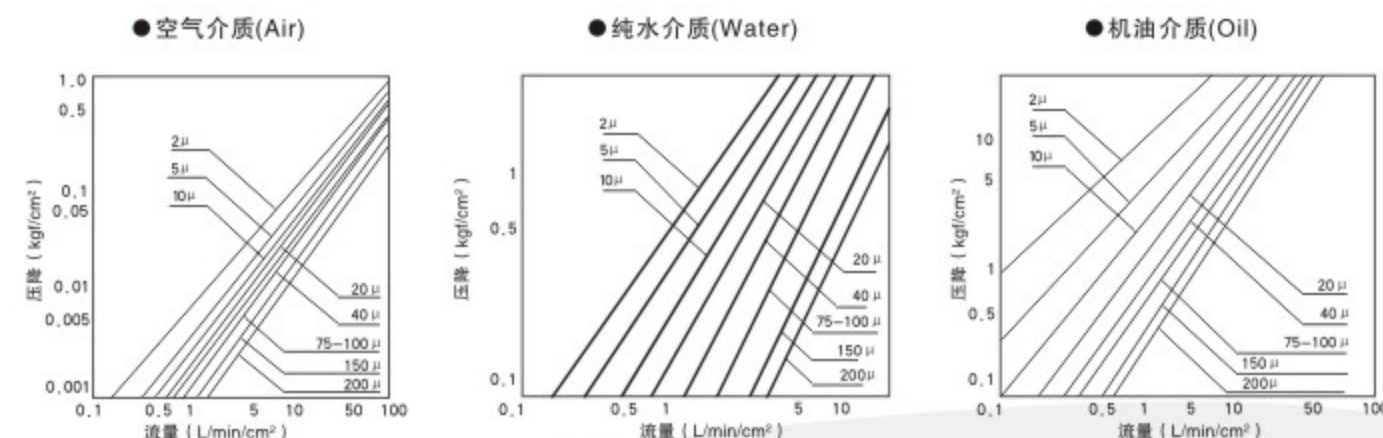
标准材质: 316L 亦可采用304等不锈钢加工

Standard size:1200×1000mm

Standard thickness:1.7mm

Standard material:316L.Stainless steel like 304 can be used either.

## 五层烧结网流量特性(Flow Character):



1kg·f/cm<sup>2</sup>=0.1Mpa 1Mpa=10<sup>6</sup>pa



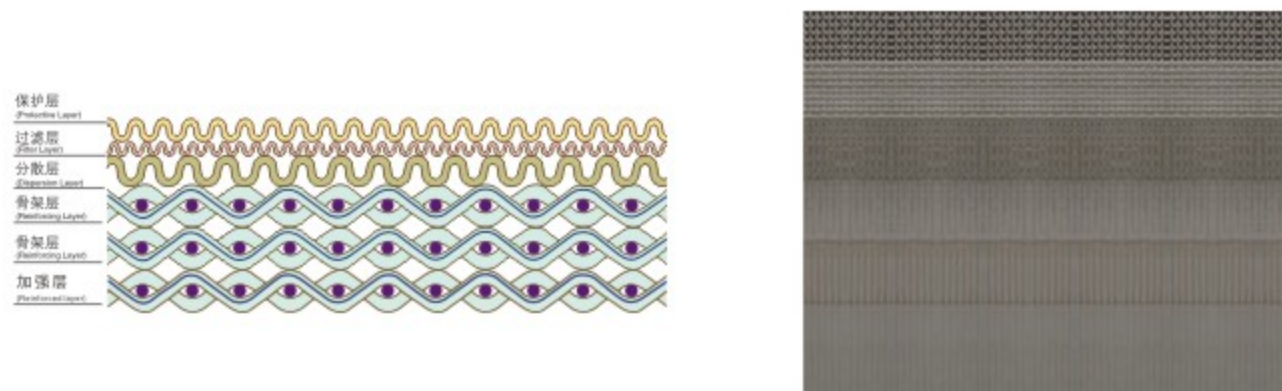
## 六层烧结网系列

### Six layer sintering nets series

#### 产品介绍:

六层烧结网是一种广泛应用于过滤、洗涤、干燥三合一药用过滤板，人畜药剂过滤等行业中，它是在五层烧结网的基础上加一层12目丝网制作而成，厚度为3.5mm，耐压性更好，可加工成分体式和整体式。

The six-layers sintered mesh is widely used in three-in-one pharmaceutical filter plate for filtering, washing and drying, and the filtration of people and livestock medicine. It is made of the five-layer sintered mesh plus one layer of 12 meshes, the thickness is 3.5mm.



#### 特点:

##### 1.精度均匀、稳定:

对1-100um的过滤精度均可达到均匀一致的过滤性能，在使用过程中网孔形状稳定。

##### 2.强度高、刚性好:

第四、五层做支撑层，第六层做加强层，故有极高的机械强度和耐压强度，加工、焊接与组装性能良好，使用方便。

##### 3.耐高温、耐腐蚀:

可承受480℃高温以及酸碱等腐蚀环境的过滤。

##### 4.优良的清洗性:

表层过滤，逆流清洗效果佳，可反复使用，寿命长。

#### Features:

- 1.Stable filtering precision: large extension of filtering precision(1-100um), the hole is not out of shape easily.
- 2.High strength,good rigidity: the fourth and fifth layers are the supporting layers, the sixth layer is the reinforcing layer, so it has high pressure resistance, mechanical strength,easy installation and easy to use.
- 3.High temperature resistance and corrosion resistance: maximum 600 celsius degree
- 4.Easy to wash and backwash: can be used with longer service span

#### 规格尺寸:

- 1) 标准材质: 316L
- 2) 标准尺寸: 1200\*1000mm
- 3) 特殊规格可根据需方要求供货。

#### Specification:

- 1.material: SS316L
- 2.Size:1200\*1000mm
- 3.Special specification can be made on your request.

## 非标多层烧结金属网产品

### Non-standard multi-layer sintered metal mesh products

#### 产品介绍:

多层烧结金属网是指除了通用五层烧结网以外，还有多层烧结金属网产品，其他网的结构可自行设计，通过特殊的叠层压制与真空烧结等工艺制造而成，具有较高机械强度和整体刚性结构的一种新型过滤材料。其各层丝网的网孔相互交错、形成一种均一而理想的过滤结构，不仅克服了普通金属丝网强度低、刚性差、网孔形状不稳定的不足，而且能够对材料的孔隙大小、渗透性能和强度特性进行合理的匹配与设计，从而使其具有优良的过滤精度、过滤阻抗、机械强度、耐磨性、耐热性和被加工性，综合性能明显优于烧结金属粉末、陶瓷、纤维、滤布、滤纸等其它类型的过滤材料。

目前，我公司研制和生产的多层烧结金属网系列产品已在过滤净化、气-固、液-固和气-液分离、发散冷却、气体分布、气浮传输、流态化床、气体采集以及减震、消声、阻燃等方面被广泛应用于航空、航天、石油、化工、冶金、机械、制药、食品、合成纤维、胶片、环保等工业领域。

#### 主要用途:

- 1) 用于高温环境作分散冷却材料;
- 2) 用于气体分布，液化化床孔板材料;
- 3) 用于高精度，高可靠高温过滤材料;
- 4) 用于高压反冲洗油过滤器

#### 规格尺寸:

- 1) 标准材质: SUS316L;SUS304
- 2) 供货尺寸:  $\leq 1200 \times 1000\text{mm}$ ;
- 3) 过滤精度为:  $1-300\mu\text{m}$ ;供货。
- 4) 特殊规格可根据需方要求



Multi-layer sintered metal mesh is to point to in addition to the general sintering net five layer, and multi-layer sintered metal mesh products and other network structure can be designed, through the special laminated pressure and vacuum sintering process manufacturing and become, has high mechanical strength and rigid structure of a new type of filtration material as a whole. Its each layer screen mesh crisscross each other, forming a homogenous and ideal filter structure, not only overcome the common low strength, poor rigidity metal screen, mesh shape is not stable, but also on the material of the pore size, permeability and strength characteristics to design reasonable matching and making it has excellent filtration precision, filtration resistance, mechanical strength, wear resistance, heat resistance and processability, comprehensive performance is better than sintered metal powders, ceramics, fibers, filter cloth, filter paper and other types of filtering material.

At present, our company development and production of multi-layer sintered metal mesh series products have been filtered, gas-solid, liquid-solid and gas-liquid separation, divergent cooling, gas distribution, gas transmission, fluidized bed and gas gathering and shock absorption, noise elimination, flame retardant, etc, are widely used in aviation, aerospace, petroleum, chemical industry, metallurgy, machinery, pharmaceutical, food, synthetic fiber, film industry, environment protection, etc.

#### Main applications:

- 1.Distribution and cooling material in high temperature.
- 2.Material used for gas distribution and fluidization bed.
- 3.Material requiring high precision,stable performance in high temperature.
- 4.High pressure backwashed oil filter.

#### Specifications:

- 1.Standard material:SUS316L,SUS304
- 2.Available size: $\leq 1200 \times 1000\text{mm}$
- 3.Filtration ration:1-300  $\mu\text{m}$
- 4.Special sizes are available on request.







## 金属纤维烧结毡 Sintered Metal Fiber Felt

### 产品介绍:

金属纤维烧结毡采用直径为微米级的金属纤维经无纺铺制,叠配及高温烧结而成。多层金属纤维毡由不同孔径层形成孔梯度,可控制得到极高的过滤精度和较单层毡更大的纳污量。能连续保持过滤网布的过滤作用,且有三维网状,多孔结构,孔隙率高,表面积大,孔径大小,分布均匀等特点。因此,不锈钢烧结毡有效地克服了金属网易堵、易损的缺陷,弥补了粉末过滤产品易碎、流量小的不足,解决了滤纸、滤布不耐温、不耐压的特点,所以,不锈钢烧结毡具有优异的过滤性能,是理想的耐高温、耐腐蚀、高精度的过滤材料。

### 主要用途:

- 1、化工、薄膜工业中各种聚合物熔体的过滤净化;
- 2、石油、化工领域中各种高温、腐蚀液体的过滤;
- 3、机械设备各种液压油、润滑油的精密过滤;
- 4、医药、生物、饮料等工业中各种液体的澄清过滤。

### 性能及特点:

- 1、纳污容量大,过滤精度高,压力上升慢,更换周期长。
- 2、耐硝酸、碱、有机溶剂、药品的腐蚀,在600℃环境中可长期使用。
- 3、高孔隙率和优良的渗透率,压力损失小,流量大。
- 4、可折波,以增加过滤面积,并可焊接加工。
- 5、能够清洗再生,可多次使用。



Sintered Metal Fiber Felt is composed of steel fiber mesh sintering together. Then it still have feature of web and porous construction, high strength, high stable construction in high temperature vacuum oven, it also has higher porosity, large specific area, and uniform distribution. These advantages make it ideal material of heat-resistant, corrosion-resistant and high precision. These reusable, high quality filters are ideal for filtration and gas filter application.

### Main application

1. Polyester melt purification in chemical fiber and membrane industries.
2. High temperature filtration and corrosion liquid filtration in petroleum industry.
3. Hydraulic fuel and lubrication oil filtration in mechanical equipment.
4. Liquid purification in pharmaceutical, biological and beverage industries.

### Performance and Advantages:

1. High dirt holding capacity, high filtering accuracy, longer on stream life.
2. Corrosion resistance of nitric acid, alkali, and organic solvent proof. It can be used for a long period of service in the temperature of 600℃.
3. High porosity and excellent permeability which results in low pressure drop and large flow.
4. Pleatable, provide a large filter area, and can be welded and machined.
5. Cleanable, can be for used many times.



## 金属纤维烧结毡 Sintered Metal Fiber Felt

### 产品的技术指标及偏差 (Product Technical Criteria and Deviation):

产品规格 specifications μm(c)	过滤精度 filter rating μm(c)	气泡点压力 bubble point pressure (pa)		透气度 air permeability L/(min·dm <sup>2</sup> )		孔隙度 porosity (%)		纳污容量 dirt holding capacity (mg/cm <sup>2</sup> )		厚度 thickness (mm)		断裂强度 breaking tenacity (mm)	
		基本值 basic	偏差 deviation	基本值 basic	偏差 deviation	基本值 basic	偏差 deviation	基本值 basic	偏差 deviation	基本值 basic	偏差 deviation	基本值 basic	偏差 deviation
5	4.0~6.0	6800		47		75		2.5		0.30		32	
7	> 6.0~8.0	5200		63		76		3.8		0.30		36	
10	> 8.0~13.0	3700		105		75		4.0		0.37		32	
15	> 13.0~18.0	2450	± 10%	205	± 20%	79	± 10%	6.8	± 20%	0.40	± 10%	23	± 20%
20	> 18.0~23.0	1900		280		80		11.5		0.48		23	
25	> 23.0~28.0	1550		355		80		18.0		0.62		20	
30	> 28.0~35.0	1200		520		80		22.0		0.63		23	
40	> 35.0~45.0	950		670		78		32.0		0.68		26	

### 注:

- 1.可根据用户要求特别生产加强型、加厚型、加护网及其它各种型号。
- 2.过滤精度和纳污容量的测定按GB/T18853-2002中规定进行。
- 3.气泡点压力的测定按GB/T5249中规定进行。
- 4.透气度的测定按GB/T5453中规定进行,压差为200Pa,介质为空气。
- 5.断裂强度的测定按GB/T228中规定进行。

1. Reinforcing type, thickening type, add-protection mesh type and other types are available on request.
2. Detection filter precision and dirt holding capacity according to chinese standard GB/T18853-2002.
3. Detection bubble point pressure according to chinese standard GB/T5249.
4. Detection air permeability according to chinese standard GB/T5453, pressure difference is 200 Pa, medium is air.
5. Detection breaking tenacity according to chinese standard GB/T228.

### 材质:

00Cr17Ni14MO2 (316L)、0Cr17Ni12MO2 (316)、  
0Cr18Ni9 (304)、纯镍。

### 最大供应尺寸:

1200×1000mm可以根据需方要求供货。

### 加工:

可加工成盘

### Material:

00Cr17Ni14MO2 (316L)、0Cr17Ni12MO2 (316)、  
0Cr18Ni9 (304)、pure-nickel.

Max apply size: 1200×1000mm, Special size are available on request.

Process: Can be processed to disc shape, candle shape, wave shape, etc.





## 铁铬铝纤维烧结毡 FeCrAl Sintered Fiber Felt

### 产品介绍:

燃烧系列铁铬铝纤维烧结毡是一种使用寿命长、环保节能、耐高温、抗变形、不积碳、韧性好、可折叠、孔径分布均匀的金属纤维烧结毡。具有非常高的孔隙率和纳污能力，广泛用于锅炉改造、燃气空调、玻璃退火、食品烘培、烤炉、取暖器、涂装纸业、干燥行业等领域。

净化系列铁铬铝纤维烧结毡作为过滤净化材料广泛应用于化工及欧四标准的柴油汽车尾气排放装置。Ni-Cr-Al合金多孔体为三维网状结构。孔径为0.1mm，孔隙率为85%，是用作整体型催化剂载体材料的最佳选择。

### Product Introduction:

Combustion series FeCrAl Sintered Fiber Felt products are widely used in boiler improvement, GHP air conditioning, glass annealing, food baking, furnace sintering, warmer, painting paper, drying industry etc, with the advantages of long service life, environmental protection & energy conservation, resistance to high temperature and deformation, no carbon deposition, foldable, good toughness, well-distributed pore size, and extremely high porosity factor & pollutant-holding capacity,

Purification series FeCrAl Sintered Fiber Felt products are widely used in chemical industry and diesel car emission device as filtering and purifying material. Ni-Cr-Al porous solid is three-dimensional net structure, with the pore size of 0.1mm, and 85% porosity, it is the best choice for the integral type catalyst carrier material.

### 规格尺寸:

- 1) 标准材料: 00Cr20Al6铁铬铝纤维
- 2) 标准供货规格: 1180\*1500mm
- 3) 特殊规格可根据需求方要求供货

### Specification:

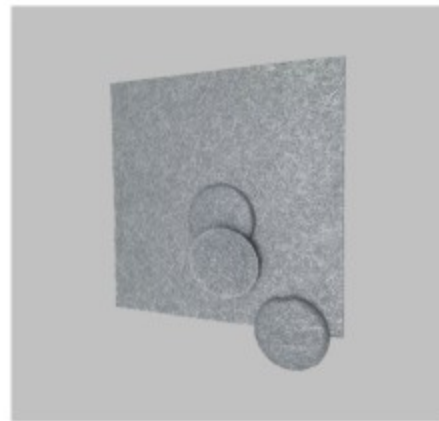
- 1) Standard material: 00Cr20Al6 FeCrAl Fiber
- 2) Standard supplying size: 1180\*1500mm
- 3) Special specifications are on request

### 特性及特点:

- 1) 耐高温1200度
- 2) 冷热冲击能力强
- 3) 不吸水
- 4) 热惰性极小
- 5) 燃烧完全辐射
- 6) 使用寿命长

### Features:

- 1) resistance to temperature  $\geq 1200^{\circ}\text{C}$
- 2) Strong thermal shock
- 3) No water uptake
- 4) Extremely weak thermal inertia
- 5) Complete combustion radiation
- 6) Long service life



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### 成份:

铬Cr	碳C	铁Fe	锰Mn	硅Si	铝Al	硫S	磷P	铜Cu
19.0-22.0	$\leq 0.04$	剩余部分	$\leq 0.40$	$\leq 0.60$	5.0-6.2	$\leq 0.025$	$\leq 0.025$	$\leq 0.12$

规格	纤维直径	重量 (g/m <sup>2</sup> )	用途
LERSZ 22450	22 $\mu$	450	汽车尾气过滤等
LERSZ22500	22 $\mu$	500	
LERSZ60800	60 $\mu$	800	燃烧器、炉头等高温工作部件
LERSZ601200	60 $\mu$	1200	

### COMPONENTS

Cr	C	Fe	Mn	Si	Al	S	P	Cu
19.0-22.0	$\leq 0.04$	REST PART	$\leq 0.40$	$\leq 0.60$	5.0-6.2	$\leq 0.025$	$\leq 0.025$	$\leq 0.12$

SPECIFICATION	FIBER DIAMETER	WEIGHT (g/m <sup>2</sup> )	APPLICATION
LERSZ 22450	22 $\mu$	450	Vehicle exhaust purification
LERSZ22500	22 $\mu$	500	
LERSZ60800	60 $\mu$	800	High temperature work parts ie.combustor, furnace
LERSZ601200	60 $\mu$	1200	





## 冲孔板复合烧结网

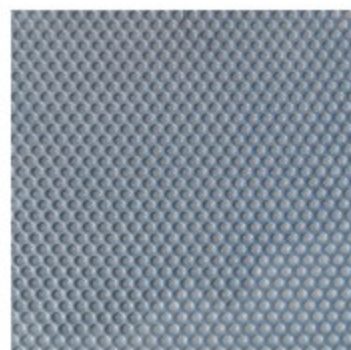
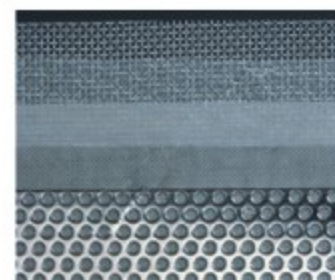
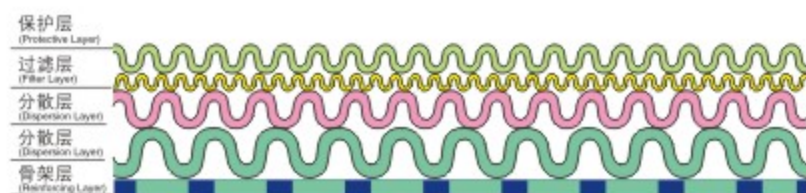
Sintered mesh with perforated metal

### 产品介绍:

由标准材质的冲孔板与数层方孔网（或密纹网）复合烧结为一体，层数与构成丝网的目数根据不同的使用条件与用途而定。因其是将耐压骨架与过滤网烧结为一体，所以具有更为优异的反清洗效果，以及压降损失小的特点，现已在水处理、饮料、食品、冶金、化工和制药行业广泛应用。

1.冲孔板材质为304或316L。

2.根据不同的要求可制作特殊形状的产品。



Sintered mesh with perforated metal :

Several layers of plain or twilled woven wire mesh and perforated metal(standard material AISI304)are sintered together to make this special type of material.It enjoys the advantages of superior backwash,low pressure drop.It can be used in water treatment, beverage,food,metallurgy,chemical and pharmaceutical industries.

1.The material of perforated metal plate is AISI304,or AISI316L.

2.Special shaped product can be made on request.



## 五层网滤芯

Sintered filter cartridge

### 产品介绍:

五层网滤芯主滤材采用标准五层烧结网。标准五层烧结网是五层不锈钢丝网经叠加，真空烧结而成。用其制成的滤芯，具有耐腐蚀性强、渗透性好、强度高、易于清洗和反清洗、过滤精度精确、滤材卫生洁净、丝网不脱落等特性。

### 主要联结方式:

- 1.标准接口（如222、220、226）
- 2.快接口连接
- 3.螺纹连接
- 4.法兰连接
- 5.拉杆连接
- 6.特殊定制接口



### 应用范围:

用于聚酯，水处理，油品，制药，食品饮料，化工，化纤产品的过滤以及高温空气等介质的过滤。

It is made of standard sintered five-layer metal mesh, which is made of five layers of stainless steel meshes by laminating together and then sintering in vacuum. This kind of filter cartridge takes the advantages of high corrosion resistance,good permeability,high rigidity,easy to wash and to backwash,high precision,clear filter material,fast wire net without migration, etc.

### Main connections:

- |                                 |                  |                         |
|---------------------------------|------------------|-------------------------|
| 1.Standard (e.g. 222, 220, 226) | 2.Fast interface | 3.Thread                |
| 4.Flange                        | 5.Tie rod        | 6.Special customization |

### Applications:

Widely used in polyester filtration, water treatment, oil filtration, pharmaceutical, chemical, chemical fiber, and high temperature media filtration.







## 折波滤

Pleated filter cartridge

### 产品介绍:

不锈钢折波滤芯又名熔体滤芯。此滤芯主滤材主要采用不锈钢编织网和不锈钢纤维烧结毡两种。不锈钢编织网是由不锈钢丝编织而成,其折波滤芯具有孔道光滑、易清洗、耐高温、耐腐蚀、丝网不脱落、过滤周期长等特性。不锈钢纤维烧结毡是一种采用不锈钢纤维经高温烧结制成的多孔深层过滤型材料,其折波滤芯具有孔隙率高,透气性好,纳污能力强,再生能力强等特性。

### 主要特点:

- 1.过滤面积大(是普通圆柱形滤芯的5-10倍)
- 2.过滤精度范围广(1-300um)

### 主要连接方式:

- |                      |         |          |
|----------------------|---------|----------|
| 1.标准接口(如222、220、226) | 2.快接口连接 | 3.螺纹连接   |
| 4.法兰连接               | 5.拉杆连接  | 6.特殊定制接口 |

### 应用范围:

主要应用于高分子聚合物及油水处理,高温气体,药品等介质的过滤。

Pleated filter cartridge, or polymer melt filter cartridge, is made of stainless steel wire mesh, or sintered stainless fiber felt. The former one is made of stainless steel wire by weaving together, and this kind of filter cartridge takes the advantages of smooth wire pore, easy to wash, high temperature resistance, corrosion resistance, fast wire mesh without migration, long service life, etc. The sintered stainless fiber felt is a kind of high precision filter material made of stainless steel fiber by sintering in high temperature, and this kind of filter cartridge takes the advantages of high porosity, good permeability, high dirt holding capacity, high regeneration capacity, etc.

### Main characters:

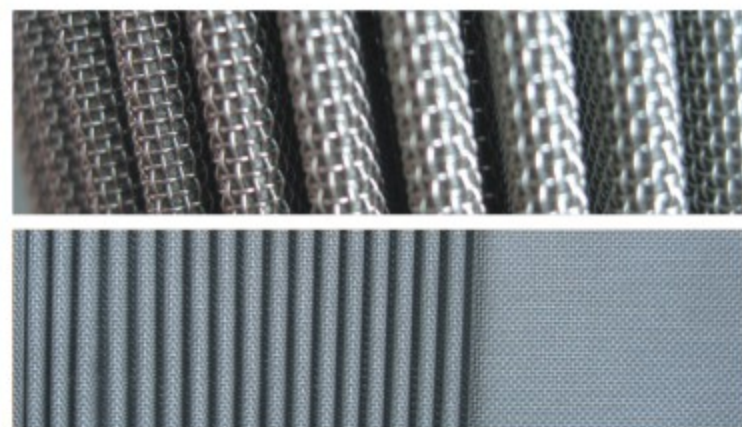
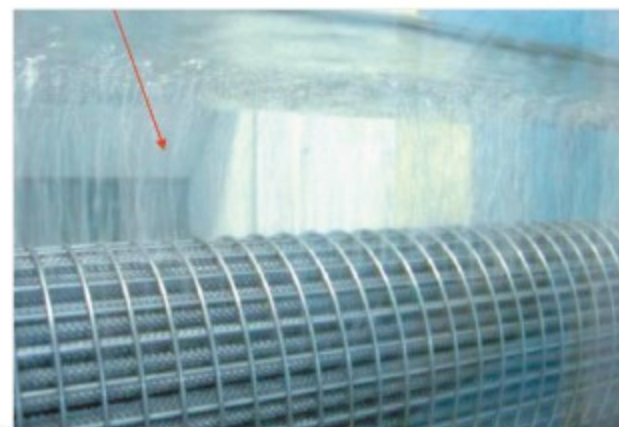
1. Large filtration area (5-10 times as common cartridge)
2. High precision (1-300um)

### Main connections:

- |                                  |                   |                       |
|----------------------------------|-------------------|-----------------------|
| 1. Standard (e.g. 222, 220, 226) | 2. Fast interface | 3. Thread             |
| 4. Flange                        | 5. Tie rod        | 6. Special customized |

### Applications:

Mainly used in high molecular polymer, water and oil treatment, high temperature gas filtration, medicine filtration etc.



## 不锈钢烧结网滤盘

Sintered stainless filter disc

### 产品介绍:

不锈钢烧结网滤盘是过滤、洗涤、干燥(三合一)的理想过滤元件。其主滤材采用多层不锈钢烧结网,经激光切割机精确切割制作而成。

### 特性:

强度大,过滤精度准确,可反复冲洗,长期使用,刚性好,装配简单。

### 应用范围:

广泛应用于制药、化工、食品等行业。

Sintered stainless filter disc is the ideal filtering element for filtering, washing and drying (commonly known as triple-play). It is made of sintered stainless steel mesh cut by laser cutting machine with high precision.

### Features:

High strength, high precision, re-washable, long service life, high rigidity, easy to assemble

### Applications:

Widely used in pharmaceutical, chemical and food industry, etc.







## 高温金属除尘滤袋

High temperature metal dust filter bag

### 产品介绍:

传统的高温除尘方法是将高温气体经冷却系统处理后进入非金属滤袋,由数层特制的不锈钢网烧结而成的  
高温除尘滤筒,克服了传统滤袋不耐高温、难以再生、强度低、耐磨性差的缺点,具有以下显著优点:

1. 气体直接过滤,工艺简单。
2. 透气性好,精度均匀稳定,不泄露。
3. 再生性能好,再生速度快,安装方便,效率高,使用寿命长。

High temperature dust removal sintered filter cartridge is made of multi-layer stainless steel mesh bond by sinter. It overcomes the disadvantages of poor temperature tolerance, difficult to regenerate, low strength and poor wear resistance of traditional dust removal method, which put the air into cooling system first and then go into non-metal filter bag. The advantages as follows:

1. Directly filters gas, easy technical operation.
2. Good permeability, stable precision, non-leakage.
3. Regenerate, easy installation, high efficiency, and long service life.



## 气体分布、流态化床

Fludized-bed

### 产品介绍:

气体分布状态的控制,粉末物料的传输和流态化操作,在工业过程中有着非常广泛的应用,流态化技术是化工过程中进行传质、传热与化学反应的重要手段。其中气体分布状态的控制需要透气性良好的烧结网板,作为控制气体分布的烧结金属网板具有以下优异的特性:

1. 孔隙分布均匀,流量、阻力的控制特性稳定。
2. 强度高、刚性大、组合安装与维护方便。
3. 传质、传热与流态化效果好,效率高、耗气量低。
4. 耐高温、抗腐蚀、适用环境范围宽。
5. 操作弹性大、工艺调节方便、物料不易泄漏、能够消除击穿短路和堵塞等故障,使用寿命长;烧结金属网板广泛应用于氧化铝和炼铁高炉煤粉的喷吹。

供货尺寸  $\leq 1200 \times 1000$  mm 厚度 2 ~ 12mm

Control of gas distribution, power material transport and liquidized have been widely used in industry procedures. While liquidized technology is an important method to transfer mass, heat and operate chemical reaction in chemical industry, in which, controlling of gas distribution needs sintered mesh plate with good permeability. The advantages as follows.

1. Uniformly distributed porous results in stable flow capacity and restriction.
2. High strength and rigidity, easy installation and maintenance.
3. Good efficient at mass transportation and heat transportation, high efficiency, low gas consumption.
4. High temperature tolerance, corrosion resistance, suitable for wide application.
5. Flexible operation, convenient technical adjustment and non-leakage material, long life service, be widely used in  $Al_2O_3$  coal injection in BF.

Available size:  $\leq 1200 \times 1000$  mm, thickness 2 ~ 12mm



## 阀体微型滤芯系列

Sintered multi-layer valve filter element

### 产品简介:

经真空电子束焊接,用于液压和气动控制系统中各种精度伺服阀液压油或气体的过滤,具有精度高、强度刚性好、阻力小、流量大、本身清洁度高、使用方便、滤孔稳定、使用周期长等特点,可替代青铜粉末烧结滤芯(第一代阀滤)和骨架包覆金属网滤芯(第二代阀滤)以及进口金属丝缠绕滤芯,使伺服系统更加稳定和可靠,已广泛应用于航空航天、液压机械、精密机床、自动控制等领域。

Sintered multi-layer valve filter element is welded by vacuum electron beam, used for filtration of hydraulic oil and gas in hydraulic and air control system. The features of it are high precision, good rigidity, lower resistance, large flow capacity. And also it has advantages of cleanness, easy use, stable filtering aperture and longer service, it is alternative for sintered bronze powder filter element (the first generation valve filter), and metal mesh filter supported by framework (the second generation valve filter) and even imported wire wound filter element, to make the serve system more stable and more reliable. It is widely used in many fields such as aerospace, aviation, hydraulic and machine, precision tool, and automatic control.





## 金属粉末烧结过滤元件

Metal powder sintered filter element

### 产品介绍:

不锈钢粉末和铜粉末烧结过滤器是用不锈钢或者铜粉高温烧结而成, 主要用于各种介质或工业消声器的提纯和过滤, 可根据要求制造滤芯, 滤叶, 消声器。

作用: 过滤杂质、消音、气力输送

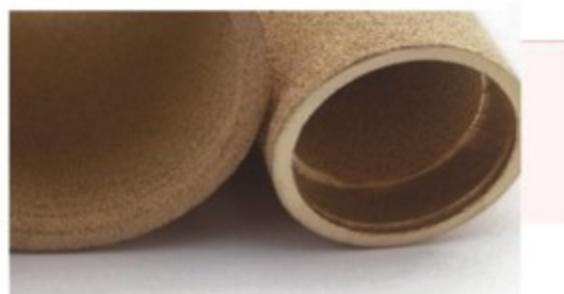
材质: 不锈钢、钛、铜等

### Product Introduction:

Stainless steel powder and copper powder sintered filters are made of stainless steel or copper powder at high temperature. They are mainly used for the purification and filtration of various media or industrial mufflers. Filter elements, filter leaves, and mufflers can be manufactured according to requirements.

Function: filter impurities, silencer, pneumatic conveying

Material: stainless steel, titanium, copper, etc.



不锈钢系列/SS series



## 铜粉末烧结滤芯

Copper powder sintered filter element

### 产品介绍:

铜粉烧结滤芯、铜粉烧结元件由铜合金粉末高温烧结而成, 过滤精度高, 透气性好, 机械强度高, 材料利用率高, 适宜较高的工作温度和耐热冲击。广泛用于气动元件、化工、环保等领域。如: 罩、帽、片、管、棒状滤芯元件。它具有良好的渗透过滤性能和较高的过滤精度, 能较好承受热压力及冲击, 强度高, 塑性好, 抗氧化, 耐腐蚀。组装性好, 可进行焊接、粘接和机械加工; 再生能力强, 使用寿命长; 各种不同的孔隙度(28%-50%), 孔径(4u-160U)及过滤精度(0.2μm-100μm), 孔道纵横交错, 可在高温下使用, 抗急冷急热。比纸质、铜丝网及其它纤维布等做成的过滤器性能优越, 且装拆清洗方便, 主要用于过滤气体、液体、燃料油, 在石油、化工、汽车、拖拉机、飞机、船舶工业上广泛应用, 也大量用于气动、液压回路的过滤元件。铜粉烧结滤筒可过滤空气中的油水、杂质, 还可降低噪音。铜烧结滤芯还具有空气过滤和消音作用, 大量应用于气动元件气源处理器中。

### Product Introduction:

Copper powder sintered filter element and copper powder sintered element are made of copper alloy powder sintered at high temperature, with high filtration accuracy, good breathability, high mechanical strength, high material utilization rate, suitable for high working temperature and heat resistance impact. Widely used in pneumatic components, chemical industry, environmental protection and other fields. For example: cover, cap, plate, tube, rod shaped filter element. It has good infiltration filtration performance and high filtration accuracy, can withstand thermal pressure and impact well, has high strength, good plasticity, oxidation resistance, and corrosion resistance. Good assembly ability, capable of welding, bonding, and mechanical processing; Strong regeneration ability and long service life; Various porosities (28% -50%), pore sizes (4u-160U), and filtration accuracy (0.2um-100um), with crisscrossing pores, can be used at high temperatures, resistant to sudden cold and heat. Compared to filters made of paper, copper wire mesh, and other fiber fabrics, filters have superior performance and are easy to install, disassemble, and clean. They are mainly used to filter gases, liquids, and fuel oil, and are widely used in the petroleum, chemical, automotive, tractor, aircraft, and shipbuilding industries. They are also widely used as filtering components in pneumatic and hydraulic circuits. The copper powder sintered filter cartridge can filter oil, water, and impurities in the air, and can also reduce noise. Copper sintered filter elements also have air filtration and noise reduction effects, and are widely used in pneumatic component air source processors.







## 不锈钢粉末烧结滤芯、滤片

Stainless steel powder sintered filter element, filter

### 产品介绍:

不锈钢粉末烧结过滤材料(包括管式和板式)是以304.304L.316.316L粉末为原料,经过分筛、成型、烧结而成的微过滤元件。其过滤精度高,透气性好,机械强度高,材料利用率高,适宜较高的工作温度和耐热冲击。广泛应用于过滤分离、气动元件、化工、新能源、环保等领域。具有不同形状、结构、不同粒度、孔隙度的多孔元件,如:罩、帽、片、管、棒状滤芯等。因不锈钢粉末烧结过滤材料以高科技材料组成和特殊工艺加工成型,使其具有独有的优良性能:

### Product Introduction:

Stainless steel powder sintered filter material (including tube and plate) is a microfiltration element made from 304.304L.316.316L powder as raw material, which is sieved, formed, and sintered. It has high filtration accuracy, good breathability, high mechanical strength, high material utilization rate, and is suitable for high working temperatures and heat shock resistance. Widely used in filtration separation, pneumatic components, chemical industry, new energy, environmental protection and other fields. Porous elements with different shapes, structures, particle sizes, and porosities, such as covers, caps, sheets, tubes, rod-shaped filters, etc. Due to the high-tech composition and special processing technology of stainless steel powder sintered filter materials, they have unique excellent performance:



1. 耐高温, 在500摄氏度以下正常使用。
2. 过滤精度高, 孔隙稳定, 能有效去除悬浮物和微粒等, 过滤精度优异, 净化效果好。
3. 透气性好, 压力损耗小。孔隙率高, 孔径均匀, 初始阻力小, 易于反吹, 可在线再生, 易清洗, 可以反复使用、寿命长。
4. 机械强度高, 刚性好, 塑性好, 无须外加骨架支撑保护, 安装和使用简单, 维护方便, 组装性好, 可进行焊接、粘接和机械加工。
5. 孔隙均匀, 特别适用于流体分布、均匀化处理等均匀性要求较高的场合。
6. 过滤精度: 1~50 μm。
7. 无微粒脱落, 不使原液形成二次污染。
8. 机械性能好, 压差低, 流量大, 可压滤可抽滤, 操作简单。
9. 耐腐蚀性能好, 可在硝酸, 硫酸, 醋酸, 草酸, 磷酸, 5%盐酸, 熔融钠, 液氢, 液氮, 硫化氢, 乙炔, 水蒸气, 氢气, 二氧化碳气体等环境下稳定使用。
10. 成型工艺好, 整体无焊接长度可达1200毫米。

1. It is resistant to high temperatures and can be used normally below 500 degrees Celsius.
2. High filtration accuracy, stable pores, effective removal of suspended solids and particles, excellent filtration accuracy, and good purification effect.
3. Good breathability and low pressure loss. High porosity, uniform pore size, low initial resistance, easy backwashing, online regeneration, easy cleaning, reusable, and long service life.
4. High mechanical strength, good rigidity, good plasticity, no need for external skeleton support protection, simple installation and use, easy maintenance, good assembly, and can be welded, bonded, and mechanically processed.
5. Uniform pores, especially suitable for situations with high uniformity requirements such as fluid distribution and homogenization treatment.
6. Filtering accuracy: 1~50um
7. No particle shedding, no secondary contamination of the original solution.
8. Good mechanical performance, low pressure difference, large flow rate, capable of pressure filtration and suction filtration, with simple operation.
9. It has good corrosion resistance and can be stably used in environments such as nitric acid, sulfuric acid, acetic acid, oxalic acid, phosphoric acid, 5% hydrochloric acid, molten sodium, liquid hydrogen, liquid nitrogen, hydrogen sulfide, acetylene, water vapor, hydrogen, carbon dioxide gas, etc.
10. The molding process is good, and the overall length without welding can reach 1200 millimeters.







## 钛粉末烧结滤芯

Titanium powder sintered filter element



### 产品介绍:

钛粉末烧结滤芯, 其过滤结构均匀, 成型工艺好, 耐温性高, 机械强度高。广泛应用于各种液体、气体过滤系统中。其主要特点如下:

1. 钛滤芯的结构均匀, 孔径分布教窄, 分离的效率较高。
2. 钛滤芯具有较高孔隙率, 低过滤阻力, 高渗透效率。
3. 钛滤芯耐高温, 一般可在300℃以内使用。
4. 钛滤芯的化学稳定性较强, 耐酸碱腐蚀, 具有抗氧化性。
5. 无微粒脱落, 不会使原液形成二次污染。
6. 机械性能好, 可压滤和抽滤, 操作简单。
7. 压差低, 占地面积小, 流量大。
8. 抗微生物能力强, 不与微生物相互作用。
9. 成型工艺良好, 整体无焊接长度可达1200mm。
10. 可在线再生, 易清洗, 使用寿命长。

钛粉末烧结滤芯广泛应用于医药工业、水处理工业、食品工业、生物工程、化学工业、石油化工、冶金工业及气体净化领域。它是一种具有广泛发展前景的新材料。

### Product Introduction:

Titanium powder sintered filter element has a uniform filtering structure, good molding process, high temperature resistance, and high mechanical strength. Widely used in various liquid and gas filtration systems. Its main characteristics are as follows:

1. The structure of the titanium filter element is uniform, the pore size distribution is narrow, and the separation efficiency is high.
2. Titanium filter element has high porosity, low filtration resistance, and high permeation efficiency.
3. Titanium filter element is heat-resistant and can generally be used within 300 °C.
4. Titanium filter cartridge has strong chemical stability, acid and alkali corrosion resistance, and antioxidant properties.
5. No particle shedding, will not cause secondary pollution to the original solution.
6. Good mechanical performance, capable of pressure filtration and suction filtration, with simple operation.
7. Low pressure difference, small footprint, and high flow rate.
8. Strong anti microbial ability and no interaction with microorganisms.
9. The molding process is good, and the overall length without welding can reach 1200mm.
10. It can be regenerated online, easy to clean, and has a long service life.

Titanium powder sintered filter cartridges are widely used in the pharmaceutical industry, water treatment industry, food industry, biotechnology, chemical industry, petrochemical industry, metallurgical industry, and gas purification field. It is a new material with broad development prospects.



## 柔性膜粉末烧结滤芯、滤袋

Flexible membrane powder sintered filter element, filter bag

### 产品介绍:

柔性膜滤袋、滤芯由金属键和共价键的混键结构组成, 经高温烧结反应合成孔隙。柔性膜滤袋、滤芯是通过表面的金属膜进行过滤, 具备以下优点: A由柔性膜做成的滤袋滤芯具有壁薄、过滤精度高、透气率高、强度高、表面光滑、柔韧性好, 反吹清灰更容易; B耐高温氧化性能好, 最高能在700℃环境下工作, 不自燃不老化变形; C耐酸碱性能好, 能在强酸强碱环境下工作不腐蚀; D导电性好, 过滤过程中不会产生静电; E加工焊接性好, 能按实际工况做成各种规格形状。



与传统的纤维滤袋比较具有以下优势: 1. 耐高温性能更好, 纤维滤袋最高工作温度不能超过200℃, 温度过高会引起滤袋自燃、过滤效能下降、老化变形等。金属膜柔性滤袋最高能在700℃环境下长期工作, 不自燃、不变形, 并且能保持原有的过滤精度不下降。2. 过滤精度高, 柔性滤袋是通过高精度的金属膜制作而成相比纤维滤袋具有孔径更小分布更均匀。3. 使用寿命更长, 金属膜柔性滤袋由金属烧结而成, 相比纤维滤袋更耐磨、机械强度更高、寿命更长, 能长期反复使用, 大大延长了更换周期。4. 反吹效果更好, 由于金属膜滤袋由很薄的一层膜作为过滤材料并且表面光滑, 所以气体能快速透过膜体, 并且膜内部无法滞留尘灰。相比纤维滤袋由于壁厚较厚内部更容易存灰且滤袋表面较粗糙更容易挂灰, 所以反吹效果会快速下降。

柔性金属膜滤袋、滤芯是新一代的过滤单元, 是传统纤维袋的最佳替代品。广泛应用于, 煤炭、钢铁、冶炼、化工、新能源、水处理、环保、室内净化、医药、建筑等行业的过滤除尘等领域。

### Product Introduction:

The flexible membrane filter bag and filter element are composed of a mixed bond structure of metal bonds and covalent bonds, and pores are synthesized through high-temperature sintering reaction. The flexible membrane filter bag and filter element are filtered through a metal film on the surface, which has the following advantages: A The filter bag and filter element made of flexible membrane have thin walls, high filtration accuracy, high air permeability, high strength, smooth surface, good flexibility, and are easier to clean by reverse blowing; B has good high-temperature oxidation resistance and can work up to 700℃ without self ignition, aging or deformation; C has good acid and alkali resistance, and can work in strong acid and alkali environments without corrosion; D has good conductivity and does not generate static electricity during the filtration process; E processing has good weldability and can be made into various specifications and shapes according to actual working conditions.

Compared with traditional fiber filter bags, it has the following advantages: 1. It has better high-temperature resistance, and the maximum working temperature of fiber filter bags cannot exceed 200 °C. Excessive temperature can cause self ignition, decreased filtration efficiency, aging and deformation of the filter bags. The metal film flexible filter bag can work for a long time in an environment of up to 700 °C, without self ignition or deformation, and can maintain the original filtration accuracy without decreasing. 2. High filtration accuracy, flexible filter bags are made of high-precision metal membranes and have smaller pore sizes and more uniform distribution compared to fiber filter bags. 3. Longer service life, the metal film flexible filter bag is made of metal sintering, which is more wear-resistant, has higher mechanical strength, and has a longer lifespan compared to fiber filter bags. It can be used repeatedly for a long time, greatly extending the replacement cycle. 4. The anti blowing effect is better. As the metal membrane filter bag is made of a very thin layer of membrane as the filtering material and has a smooth surface, gas can quickly pass through the membrane body, and dust and ash cannot be trapped inside the membrane. Compared to fiber filter bags, due to the thicker wall thickness, it is easier to store dust inside and the rougher surface of the filter bag, making it easier to hang dust. Therefore, the anti blowing effect will rapidly decrease.

Flexible metal membrane filter bags and filters are the new generation of filtration units and the best substitutes for traditional fiber bags. Widely used in industries such as coal, steel, smelting, chemical industry, new energy, water treatment, environmental protection, indoor purification, medicine, and construction for filtration and dust removal.





## 楔形网滤芯

Wedge mesh filter element

### 产品介绍:

楔形网滤芯又名约翰逊滤芯、绕丝筛管、缠绕滤芯

楔形网滤芯采用不锈钢楔形丝焊接筛网, 过滤精度为25-800微米, 是由不锈钢楔形丝与支撑条焊接而成, 主要有滤板、滤篮、滤芯等产品。

### Product Introduction:

Wedge mesh filter element, also known as Johnson filter element, wire wound screen tube, or winding filter element

The wedge-shaped mesh filter adopts stainless steel wedge-shaped wire welded mesh, with a filtration accuracy of 25-800 microns. It is welded from stainless steel wedge-shaped wire and support bar, mainly including filter plates, filter baskets, filter cartridges and other products.

### 产品特点:

- 1、强度大, 硬度高, 耐用性强;
- 2、缝隙均匀, 更大的有效流通面积;
- 3、更大的变量;

### 应用领域:

1. 石油化工: 催化反应、加氢脱硫、苯乙烯脱氢、氨气转化、异构化、其他上下向流动和径向流动;
2. 污水处理及供水系统: 水源入口、地下室供给、碳及树脂的保留、脱出矿物质软化及离子交换、沙粒、双重及混合媒介物的过滤、废水污泥处理
3. 矿物质加工、造纸和食品加工: 筛选、煤干燥、淀粉过滤、纸浆和植物纤维过滤、饮料过滤;

### Product Features:

1. High strength, high hardness, and strong durability;
2. Uniform gaps and larger effective flow area;
3. Larger variables;

### Application Field:

1. Petrochemical industry: catalytic reactions, hydrosulfurization, styrene dehydrogenation, ammonia conversion, isomerization, other up and down flow and radial flow;
2. Sewage treatment and water supply system: water source inlet, basement supply, retention of carbon and resin, softening and ion exchange through mineral extraction, filtration of sand particles, dual and mixed media, and treatment of wastewater and sludge
- Mineral processing, papermaking, and food processing: screening, coal drying, starch filtration, pulp and plant fiber filtration, beverage filtration;



## 多功能过滤机

Multifunction filter

### 产品概述:

1、在立式密闭机体内悬挂微滤管为主过滤区, 设备底部的气动排渣底盖设有带过滤平板的辅助过滤区, 在两者中间加装搅拌装置。

2、以上结构除了单位面积大、占地面积小以外, 主要解决将机外物料通过上部主过滤区快速过滤完毕, 底部的辅助过滤区能将机内剩料一次过滤完, 截留的滤饼卸到底部过滤平板上利用搅拌打浆进行洗涤、然后干压等操作;

3、将过滤、打浆洗涤、干压工序在一个机内完成, 缩短工艺流程, 且避免滤饼被外界污染, 密闭过滤, 清洁化生产; 启闭气动快开底盖操作简便, 排除滤饼便捷;

4、排出较干的滤饼, 减少后工序的能耗;

5、已广泛使用于原料药中间体、超细金属粉体、无机盐粉体、结晶体及其他较粘细的精细化工固体产品过滤、洗涤、压干的精密过滤。

### product description:

1, Mainly in vertical closed the suspension in the micro filter tubes filtration area, pneumatic slag discharge device at the bottom of the bottom cover is equipped with belt filter plate on auxiliary filtering area, installation of mixing device in the middle of the two;

2, Above structure in addition to the per unit area, covers an area of small, mainly to solve the closed after rapid filtration material through the upper primary filter, secondary filter at the bottom of the area can finish will be leftover material a filtering machine, intercept filter cake discharge to the bottom of filter plate on the use of mixing beating for washing, then dry pressing operations such as;

3, Will beating filtering, washing, dry pressure to complete process in one machine, shorten the process flow, and avoid pollution cake by outsiders, airtight filtering, clean production; The open-close pneumatic quick-opening bottom cover is simple, eliminate filter cake is convenient;

4, Discharge dry cake, reduce the waste of energy consumption;

5, Has been widely used in API intermediates, ultrafine metal powder, inorganic salt powder, crystal and other a stick fine fine chemical industry a solid product filtration, washing, precision filtration pressure.



## 五种流程一次完成: A complete five processes:



多种接口, 满足各种需要  
A variety of interfaces, meet various needs

内置大流量滤芯  
Built-in large flow filter

自动手动双锁紧  
Automatic double lock manually

烧结滤板, 二次过滤  
Sintering filter plate, two filters



自带动力, 恒速搅拌  
Comes with power, constant speed stirring

以气缸/电机为动力, 自动开合  
Powered by cylinder/motor, automatic opening and closing

立式/卧式汇流罐, 反吹冲洗  
The convergence of vertical /horizontal tank, back flush

外置夹套, 恒温节能  
The outer jacket, constant temperature and energy saving



## 自清洗/反冲洗过滤器

Since the purge/flush filter



## 产品概述:

全自动自清洗过滤器具有对原液进行过滤并自动对滤芯进行清洗排污的功能,且清洗排污时系统不间断供水。

全自动自清洗过滤器的清洗有两种控制方式:自动控制和手动控制。

自动控制:自动控制有定时和压差两个方式。在过滤时间定时器上设定过滤时间,当过滤时间到,启动排污,排污时间由排污时间定时器设定;同时控制系统实时将系统压差与用户设定的压差相比较,当系统压差达到设定压差时,过滤器也进行清洗排污,排污时间由排污时间定时器设定。排污时间到,停止清洗,系统恢复至其初始状态,为下一个过滤工序作好准备。

手动控制:将操作面板上的手动/自动选择开关拨到手动位置,过滤器进行排污。

用户可根据需要选择两种控制方式,具体操作见后面的操作部分。

## Product Introduction:

Automatic self-cleaning filter have to concentrate and automatic filter cleaning function, the discharge of pollutants by uninterrupted water supply and cleaning sewage system.

Automatic self-cleaning filter cleaning there are two kinds of control mode: automatic control and manual control.

Automatic control: automatic control two ways have timing and differential pressure. In filter time timer setting time, when the filtering time to start the drainage, drainage time set by the drainage time timer; Real-time control system at the same time the system pressure difference and pressure difference set by the user in comparison, when the system pressure difference to set pressure difference, the filter is washed drainage, drainage time is set by the drainage time timer. Discharge time to stop cleaning, system back to its initial state, to prepare for the next filtering process.

Manual control: the manual/automatic selection switch on the operation panel to manual position, filter for drainage.

The user can choose according to need two kinds of control mode, specific see the back of the operation.

## 产品特点:

- 1、过滤精度默认为100微米,且从100至3000微米可选,过滤面积大,纳污量高,可根据用户实际工况定制生产。
- 2、清洗方式简单,且清洗循环电子监控,可实现自动清洗排污。全自动自清洗过滤器控制系统中的各参数均可调节。
- 3、设有电机过载保护,可有效保护电机。
- 4、具有在清洗排污时不间断供水、无需旁路的特点,且清洗时间短,排污耗水量少,不超过总流量的1%。
- 5、维修性强、安装拆卸简便易行。

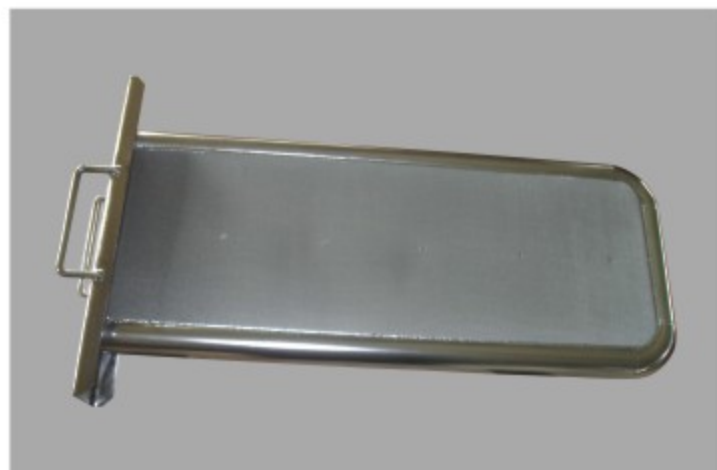
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- 1 and defaults to 100 micron filtration precision, and from 100 to 3000 microns optional, big filter area, carrying amount is high, can be customized according to customer's actual conditions of production.
- 2, cleaning method is simple, and the cleaning cycle electronic monitoring, which can realize automatic cleaning pollution. Control system of the automatic self-cleaning filter parameters are adjustable.
- 3, a motor overload protection, which can effectively protect the motor.
- 4, with uninterrupted when cleaning sewage water, do not need to bypass the characteristics of and the cleaning time is short, sewage water less, not more than 1% of the total flow.
- 5, strong maintainability, remove the easy installation.





异型过滤器  
Shaped filter



各种工业滤器 (芯)  
All kinds of industrial filters





石化三联过滤器  
Triple Filter for Petrochemical

filter