

SINO AMPLE

Filter Series Product Catalogue

T : +86-0571-83872053

E : sales@sinoample.com

W : www.sinoample.com

A : Room 805 Building 2 Of Jin Cheng Li Plaza Jincheng Road
Xiaoshan District Hangzhou Zhejiang China 311200

WWW.SINOAMPLE.COM

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COMPANY PROFILE

Our Main products:

- (1) Dust filter elements for environmental protection equipment cartridges, industrial gases, industrial dust, coating equipment, dust filter elements, sterilization and deodorization filter elements, and powder recovery filter elements.
 - (2) Oil filter elements for Industrial oils, fluid filtration, hydraulic, lubrication systems, high precision and non-standard filter elements, pipeline filter elements, local production of imported filter elements.
 - (3) Air filter elements, oil filter elements, oil-gas separation filter elements, engine oil filter elements, diesel filter elements, and various filters for air compressors, generator sets, and fans.
 - (4) Air filter elements, engine oil filter elements, oil filter elements, oil-water separator filter elements, and oil-gas separator filter elements for large units, gas turbines, and ships.
 - (5) Design and production of non-standard filter elements for various machinery.
 - (6) High-efficiency, multi-functional high-precision filter oil vehicles and filter elements used in various filter oil vehicles.
 - (7) Primary, medium, and high-efficiency filters for central air conditioning and fresh air supply units.
 - (8) Natural gas filter elements for urban gate stations of gas pipelines, and filter elements for pipeline distribution of coal gas.
 - (9) Oil-gas separation filter elements for large machine tools, general lathes, and CNC lathes.
 - (10) Oil filter elements, dust filter elements, and gas purification filter elements for various pipeline systems.
- Our filter products are widely used in metallurgy, petroleum, chemical, electric power, coal, mining, pharmaceutical, shipbuilding, food, construction machinery, energy and other industries.

Hydraulic filters

HYDAC STANDARD PARTS	
0060R010BN3HC	0030D010BN3HC
0110R010BN4HC	0060D010BN3HC
0160R010BN4HC	0110D010BN4HC
0240R010BN3HC	0140D010BN3HC
0330R010BN3HC	0160D010BN3HC
0500R010BN3HC	0240D010BN3HC
0660R010BN3HC	0280D010BN3HC
0850R010BN3HC	0330D010BN3HC
0950R010BN3HC	0500D010BN3HC
1300R010BN3HC	0660D010BN3HC
1700R010BN3HC	0990D010BN3HC
2600R010BN3HC	



Hydraulic filters detailed products-----13-18

Product Features

- 1.The hydraulic filter is installed directly in the fuel tank, simplifying the piping, space-saving;
- 2.With a self-styled valve maintenance system, oil in the tank would not be drawn;
- 3.With automatically turned on (the pressure is 0.4MPa) bypass valve;
- 4.With a magnetic device can filter the ferromagnetic particles above 1 micron oil;
- 5.A good filter performance, can play a 2-200um filter granularity are a surface of filter performance;
- 6.The flow of fluid penetrating the filter layer is uniform, long filter life.



Our hydraulic filter elements adopt imported depth type material, gradient pore size structure, gradient filtration, which can maximize the activation of particles and improve the service life. The use of high-tech support materials can not only play a role in supporting the filter material from compression deformation, but also protect the material from damage during processing. It adopts a special spiral wrap to make the filter layer firmly connected, and at the same time, the fixed folding distance ensures that the flow of fluid through the filter layer is uniform: it not only improves the pressure drop, but also prolongs the service life of the filter element.

Hydraulic Filter Standard Parts

Gas Filter Standard Parts

Air Filter Standard Parts

Oil Mist Filter Standard Parts

Dust Filter Standard Parts

Gas filters



Gas and Air filters detailed products-----19-22

Main parameters

Working pressure: 0.4MPa、1.6MPa、4.0MPa、6.4MPa

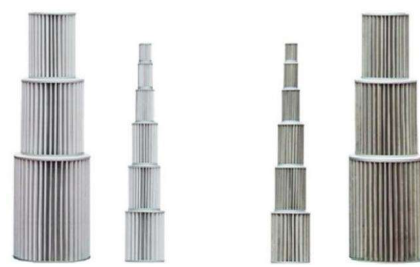
Connecting flange: ANSI 150/300/600 RF PN 16/40/63/100 RF Working

temperature: -10~+50℃ The filtering precision: 3μm、5μm、10μm、20μm、50μm、100μm、120μm、140μm, etc.

Filtration efficiency of filter: 99.9% to 3μm (dependent selection of filter precision) above Solid particles Medium: natural gas, artificial coal gas, liquefied gas and other non-corrosive gas

Design specifications: ASME VIII Div.1、GB150、EN13445 Structure: acircular, semicircular

Filter material: polyester fiber, stainless steel wire mesh



Polyester fiber

Stainless Steel Wire Mesh

Gas filter applied in natural gas, artificial gas and other non-corrosive gases, such as nitrogen, carbon dioxide, propane, butane, gas-liquid and liquid-solid separation. Can effectively filter pipeline dirt and pipe wall spalling fragments, to ensure that the gas equipment safe operation, meet pipeline and users of natural gas quality requirement.

Gas filter resistance, large filtering flow, pollutant carrying capacity, long service life, in the production process of fiber diameter and gap adjustable filter, microporous layer small outer layer increases the flow and pollutant capacity, the filter element is not easy to block, prolongs the service life. Gas filter is mainly used in natural gas purification plant, pipeline station, city gas pipeline network, gas power plant, natural gas plant, coking plant, metallurgical plant, non-corrosive gas metering and so on many occasions before the gas purification.



Gas turbine, air compressor filters

Large filtration flow, low resistance, high filtration efficiency



Gas and Air filters detailed products-----19-22

Air compressors in the long high-speed operation, due to excessive dust, or lead to shorten the useful life of equipment, affect the production schedule, self-cleaning air filter, compressed air equipment essential equipment.



Product features

1. Cartridge using special media production of the imported gas turbine;
2. Filtering the flow, low resistance, high filtration efficiency;
3. A variety of different types of media to meet the requirements of a variety of environmental conditions;
4. Wide pleat design increase filtration area, ensure the filtering flow;
5. Components of the use of galvanized metal pieces, not easy to rust;
6. Special sealing the elastomeric obturator chloroprene rubber

Gas turbine, air compressor inlet filter cartridge applications in various industrial all type of compressed air station, especially in multi-stage centrifugal, screw and vane air compressors, iron and steel plant blast furnace induced draft fan, oxygen plant raw materials, air compressors, gas turbines and diesel engines of various capacity, chemical fiber textiles and electronics industry, air conditioning system, the dust concentration in demanding central air conditioning system.

Technical parameters

Wide fold away design, ultra-high efficiency filter 99.99%-0.5um selection of the U.S. H_v filter, a large amount of ventilation, the top opening, bottom opening, the bottom of the back cover, with reduced mounting holes, galvanized corrosion resistant metal structural parts, rubber seal, such as high requirements, working conditions, can be used three filters, rain gate or coarse filter cotton for a filter, three HEPA filter.

Applications: can be applied to GE, SOLAR, SIEMENS, Aitom, MITSUBISHI, companies such as gas turbine air intake filter.



Oil mist filters



Oil mist detailed products ----- 23

Advantages of Oil Mist Separator:

Easy Installation、High Efficiency、Noise Reduction、Long Life、Full Range

Product features

1. Multiple mounting options
2. Constant high efficiency for oil mist removal up to 99.95%
3. Low cost maintenance
4. Compact & lightweight



Standard parts for oil mist filter element:

OM/WS250 COM/WS500 OM/WS1000 OM/WS1500

Applications:

Oil mist separators can be used in any application where extreme high efficiency is required, and are especially useful for dealing with the following conditions:

Applications where heavy, dry smoke is generated along with the mist.

Applications that produce very fine mist particles which may sometimes bypass the impaction process. (Jobs that run at very high spindle speeds, high-pressure coolant, etc.).

Great for:

CNC Lathes, Machining Centers, Grinders, Swiss-Style CNC's, Screw Machines, EDM Machines, Manual Lathes, Milling Machines, Injection Molding Machines, Rotary Transfer Machines, Gear Hobbers, Cold Heading Machines, Aqueous Parts Washers, Vacuum Pumps, Printing Presses, Baking Lines, Some Heat Treating Processes





Dust filters

Polyester anti-static, oil proof, waterproof coating, flame retardant

Dust filter cartridge standard component	
Polyester	G3266/G3566
Polyester anti-static	GS3266/GS3566
Polyester oil and water resistant	G03266/G03566
Polyester film coating	GF3266/GF3566
Polyester flame retardant	GF3266/GF3566
Polyester flame retardant film	GPF3266/GPF3566
Polyester anti oil, waterproof, anti-static	GOS3266/GOS3566



Dust filters detailed products-----24

Product features

- 1.The import filter: 100% polyester fiber, filter surface is smooth;
- 2.The highest filtration efficiency of over 99.99%, cartridge pulse pleated knot compact structure, saving floor space;
- 3.Use of integrated design, good sealing performance, easy installation, to shorten the replacement time;
- 4.The gasket can be applied to different temperature conditions;
- 5.The form of joint installation: three ears cast aluminum, rubber and iron end caps and so on.



SINOAMPLE is a professional of the Yangtze River Delta region dust cartridge manufacturer, and success of the localization of imported dust cartridge manufacturer, filter selection of the United States, Japan filter, filter Germany, the UK filter, France filter, South Korea filter, many cartridge filter self-cleaning filter production agreed on a point of supporting enterprises.

Our main products cartridge series: composite fiber cartridge, long-fiber polyester cartridge, film cartridge, nano-technology cartridge, welding fume cartridge, pulse length cartridge, pleated, high winds cartridge, high-precision cartridge, high temperature cartridge, anti-static cartridge, flame retardant cartridge, playing sand shot blasting cartridge, stainless steel precision cartridge, tobacco cartridge, air conditioning cartridge, vacuum cleaners special filter.

The company is committed to environmental protection industry, to create cleaner production and living space for purpose, and constantly exceed customer expectations.



Hydraulic filter element standard parts



Model: 0030D
Size: $\Phi 35.6 \times \Phi 12.2 \times 94.0$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0060D
Size: $\Phi 47 \times \Phi 22.5 \times 84$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0160D
Size: $\Phi 69 \times \Phi 34 \times 110$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0240D
Size: $\Phi 69 \times \Phi 34.2 \times 173$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0110D
Size: $\Phi 47 \times \Phi 22.5 \times 153$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0140D
Size: $\Phi 47 \times \Phi 22.2 \times 193$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0330D
Size: $\Phi 90.5 \times \Phi 48.5 \times 166$ mm
Filtering accuracy: $10\mu\text{m}$



Model: 0500D
Size: $\Phi 90.5 \times \Phi 48.2 \times 253$ mm
Filtering accuracy: $10\mu\text{m}$



Hydraulic filter element standard parts



Model:0280D
Size:φ69*φ34.5*357mm
Filtering accuracy:10μm



Model:0660D
Size:φ90.2*φ48.2*328mm
Filtering accuracy:10μm



Model:0060R
Size:φ52*φ22*103mm
Filtering accuracy:10μm



Model:0110R
Size:φ52*φ22*171mm
Filtering accuracy:10μm



Model:0990D
Size:φ90.2*φ48.2*482.6mm
Filtering accuracy:10μm



Model:0850R
Size:φ114.5*φ68*412mm
Filtering accuracy:10μm



Model:0160R
Size:φ73.5*φ34.2*144mm
Filtering accuracy:10μm



Model:0240R
Size:φ73*φ34.3*203mm
Filtering accuracy:10μm



Hydraulic filter element standard parts



Model:0330R
Size:φ94*φ48*194mm
Filtering accuracy:10μm



Model:0500R
Size:φ95*φ48.2*254mm
Filtering accuracy:10μm



Model:2600R
Size:φ143.5*φ96.5*921mm
Filtering accuracy:10μm



Model:0950R
Size:φ143*φ96.5*325mm
Filtering accuracy:10μm



Model:0680R
Size:φ114.5*φ68*330mm
Filtering accuracy:10μm



Model:1300R
Size:φ143.5*φ96.5*481.5mm
Filtering accuracy:10μm



Model:1700R
Size:φ114.5*φ68*792mm
Filtering accuracy:10μm



Gas filter standard parts



Model: G0.1
Size: $\Phi 35 \times \Phi 18 \times 59$ mm
Filtering accuracy: 50 μ m



Model: G0.2
Size: $\Phi 50 \times \Phi 28 \times 55$ mm
Filtering accuracy: 10 μ m



Model: G1.5
Size: $\Phi 120 \times \Phi 69 \times 210$ mm
Filtering accuracy: 50 μ m



Model: G2.0
Size: $\Phi 165 \times \Phi 86 \times 270$ mm
Filtering accuracy: 50 μ m



Model: G0.5
Size: $\Phi 83 \times \Phi 35 \times 123$ mm
Filtering accuracy: 50 μ m



Model: G1.0
Size: $\Phi 95 \times \Phi 50 \times 165$ mm
Filtering accuracy: 50 μ m



Model: G2.5
Size: $\Phi 200 \times \Phi 110 \times 283$ mm
Filtering accuracy: 50 μ m



Model: G3.0
Size: $\Phi 252 \times \Phi 138 \times 320$ mm
Filtering accuracy: 50 μ m



Gas filter standard parts



Model: G3.5
Size: $\Phi 299 \times \Phi 186 \times 256$ mm
Filtering accuracy: 50 μ m



Model: G4.0
Size: $\Phi 299 \times \Phi 186 \times 415$ mm
Filtering accuracy: 50 μ m



Model: GX3266
Size: $\Phi 324 \times \Phi 213 \times H660$ mm
Filtering level: F8



Model: ZGX4366
Size: $\Phi 445/324 \times \Phi 330/213 \times H660$ mm
Filtering level: F8



Model: G5.0
Size: $\Phi 390 \times \Phi 246 \times 470$ mm
Filtering accuracy: 50 μ m



Model: G6.0
Size: $\Phi 475 \times \Phi 320 \times 625$ mm
Filtering accuracy: 50 μ m



Model: 67731158/67731166
Size: $595 \times \Phi 595 \times 292$ mm/ $595 \times \Phi 595 \times 38$ mm
Filtering level: F8



Model: 5959-0101-20/5929-0101-10
Size: $595 \times \Phi 595 \times 292$ mm/ $595 \times \Phi 595 \times 38$ mm
Filtering level: F8



Standard parts for oil mist filter element



Model:OM/WS250
Size: $\Phi 300 \times \Phi 210 \times H250 - \Phi 8 \text{mm}$
Filtering accuracy: $0.3\mu\text{m}$



Size: $300 \times 210 \times H250 - 8 \text{mm}$
Model:OM/WS500
Size: $\Phi 350 \times \Phi 237 \times H230 - \Phi 10 \text{mm}$
Filtering accuracy: $0.3\mu\text{m}$



Model:OM/WS1000
Size: $\Phi 429 \times \Phi 305 \times H280 - \Phi 10 \text{mm}$
Filtering accuracy: $0.3\mu\text{m}$



Model:OM/WS1500
Size: $\Phi 500 \times \Phi 375 \times H330 - \Phi 10 \text{mm}$
Filtering accuracy: $0.3\mu\text{m}$

Dust filter standard parts



Model:G3266
Size: $\Phi 324 \times \Phi 213 \times H660 \text{mm}$
Filtration efficiency: 100% (Particles $\geq 5\mu\text{m}$)



Model:G3566
Size: $\Phi 352 \times \Phi 241 \times H660 \text{mm}$
Filtration efficiency: 100% (Particles $\geq 5\mu\text{m}$)

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