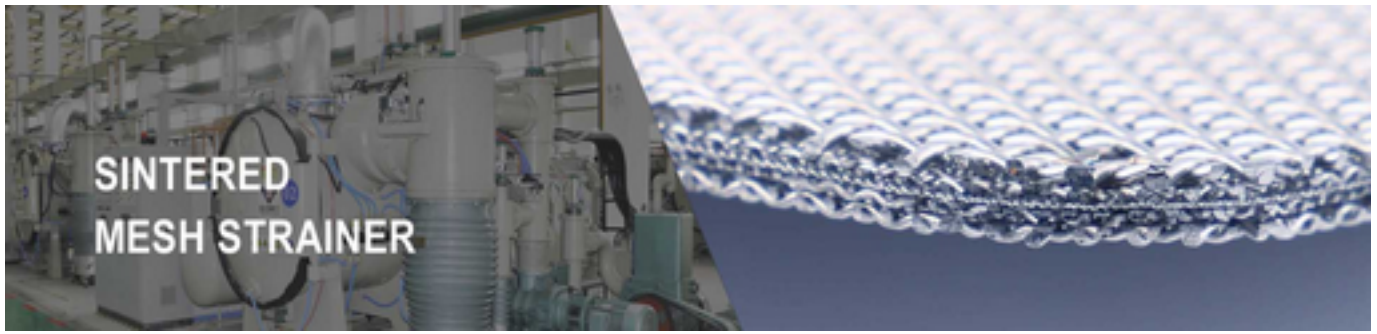


По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
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Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	



Custom Sintered Mesh Strainers Based On Your Need

SINFT designs and manufactures high-performance Sintered Mesh Strainers and filtration material products for all industries such as sintered metal fiber felt, multi-layers sintered wire mesh, ss sintered filter cartridges, porous metal filters, and material-specific filters like sintered nickel filters.

SINFT products have been widely used in the industries such as petrochemical, fine chemical, water treatment, pulp and paper, auto industry, food and beverage, metalworking, etc. by many leading industrial companies. SINFT's independence, experience, and specialized knowledge enable us to provide you with objective advice and customized sintering solutions.

Please send us your medium kinds, flow rate, filtration accuracy, material request, or even ideal Sintered Mesh Strainer elements with other brands, Like Mott filter, GKN sinter metals filters, Norman Sintered Mesh Strainer elements, then we will quote for you immediately.

Sintered Mesh Strainer



Sintered Mesh Strainer Advantages

Compare to other types of filter materials, such as stainless steel wire mesh, ceramics, glass fibers, filter paper, SINFT Sintered Mesh Strainers have higher mechanical and compressive strength. No matter in extremely high and low temperature experience, SINFTsintered filter elements will provide you excellent filtration performance.

- . Easy forming, machining, welding and cleaning
- . Available in filtration accuracy from 0.2 to 1000 micron
- . High strength for cleaning and use multiple times
- . Custom service for wide range of material and dimensions
- . Commonly used in -200°C ~ 650°C and acid, alkali corrosion environment

All Sintered Mesh Strainer



Sintered Stainless Steel Filter

SINFT Sintered Stainless Steel Filters mainly include stainless steel sintered filter cartridge, sintered stainless steel plate, sintered stainless steel sheet, sintered stainless steel tube, sintered stainless steel filter disc. It is made of stainless steel 304 and 316.

SINFT Sintered Stainless Steel Filters offer high filtering efficiency and long service life, widely applied in the filtration of liquid and gas. The filtering accuracy of ss sintered filter cartridges is available from 0.5 um to 300 um, with working temperatures from -200 °C to 1000 °C.



Production Processing of Sintered Wire Mesh

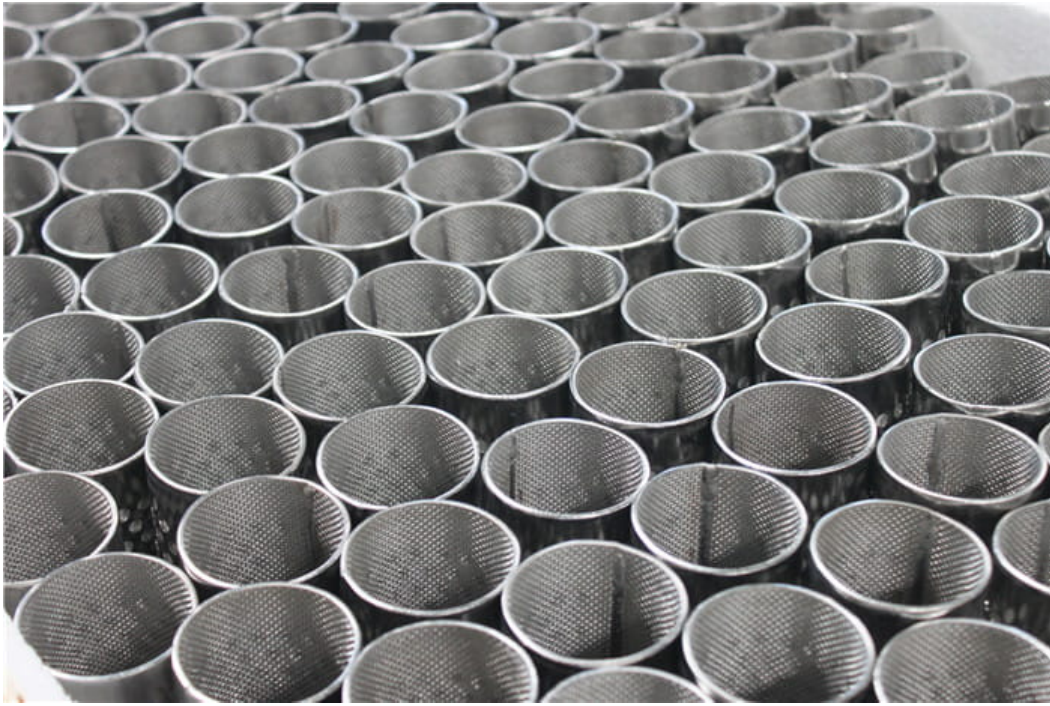
SINFT Sintered Wire Mesh is produced by a series of technical processes, including rolling, pressurizing, and vacuum sintering. It has the average pore size and steady air permeability.

Firstly, woven wire mesh is uniformly rolled to make every layer in good contact, especially at the wire mesh cross points.

Then put one or more layers of rolled wire mesh inside a high-temperature furnace under mechanical pressure. This furnace is filled with specific inert gases. When the temperature reaches a point, “sintering” occurs and sintered wire mesh is formed.

Finally, we control cooling, the mesh now has good rigidity while wires and layers bonding together. Some layers work as fine filtration, while others work for protecting and reinforcing.

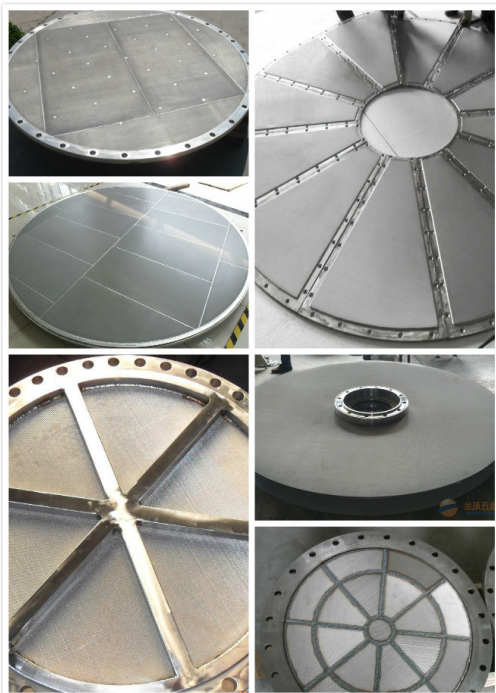
By sintering multiple layers of different wire mesh, it is possible to custom your Sintered Mesh Strainers with specific thickness, diameter, pore size, accuracy, and mechanical strength.



SINFT Sintered Mesh Filters Classification

- .Standard 5-layer Sintered Wire Mesh
- .Sintered by Multiple Layers of Plain-woven Square Mesh.
- .Sintered by Multiple Layers of Dutch-woven Square Mesh
- .Sintered by Perforated Plate with Multi-Layer Stainless Steel Wire Mesh

SS Sintered Metal Porous Fluidized Plate





Perforated Plate With Multi-Layer Stainless Steel Wire Mesh

This Sintered Mesh Strainer is sintered by a standard SUS304 perforated plate together with multi-layers square woven wire mesh or Dutch woven wire mesh.

Strong and rigid perforated metal plate is for support while the woven wire mesh layers used as the filtering layer. Due to the support of perforated plate, this sintered stainless steel filter has strong structure and mechanical strength.

SINFT stainless steel wire mesh can be produced into various shaped, including sintered metal tubes, sintered stainless steel disc and sintered stainless steel sheet. It is mainly reusable in food&beverage, water treatment, dust removing, pharmaceutical, chemical processing, etc.

SINFT is proud to be among the top 10 factories to produce perforated plate with multi-layer stainless steel wire mesh with standards or custom dimension.

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Basket Filter Element Manufacturer

SINFT basket filter element also names basket filter cartridge, is designed for cleaning of large amounts of solids particulate. The contaminations are captured and collected in the basket type filter, preventing the debris from entering the pump or returning to the flow.

SINFT basket filter element is made of stainless steel perforated sheet, woven wire mesh, stainless steel sintered wire mesh and wedge wire screen by the welding process. Due to the support of the punching plate, SINFT basket filter element has higher compressive strength, mechanical strength and is easier to backwash.



SINFT basket filter elements are available in a flat or inclined top design. And according to customs requirements, we could provide the flat bottom, round bottom and hopper bottom choices to fit our basket filter strainer, including pipeline basket strainer, simplex basket strainer, duplex basket strainer.

Compared to other types filter elements, SINFTbasket filter element allows for a longer use with high dirt holding capacity and it's cleanable and reusable character.

SINFTbasket filter elements are widely used in oil industry, food & beverage, water treatment,

dust removing, pharmacy, etc.

Maritime Industry Filter Element

For a prolonged safe, trouble free and efficient operation of machinery and system on board ship



Strainer Baskets, Filter Bag Baskets And Filter Housings

SINFT manufactures a complete line of Bag Filter Basket Strainer, Filter Bag Baskets Perforated tube, and Filter Housings which replace all current models



Basket-type filter

From 5 μ to 5000 μ m, SINFT can custom basket filter cartridge in all sizes and shapes to help you remain competitive by being your OEM partner.

Whether standard, custom or different flow rates, SINFT basket filter elements offers a perfect filtration solution for your systems.

Basket-Filter cartridge

Features of SINFT Basket Filter element

Easy to clean and remove

Suitable for coarse filtration

Customized design available

Flow rate up to 3600 m³/hr

Capture and hold solids of almost any size

Low-pressure drop with large dirt holding capacity

Robust filter media for long-term operation

Filtration rating: 5 μ m to 2000 μ m

SS basket filter element

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Stainless Steel Wedge Wire Screen Engineering

SINFT is an experienced wedge wire engineering and manufacturing company. An industrial filter screen with special profile welded with v wire slots and precise filtration rating.

We are wedge wire screen supplier with following advantages:

- Expertise and experience
- Precise aperture and filtration rate
- Choice stainless steel materials
- Engineering capacity to meet special requirements
- Long term supplier to customers in Germany, UK, US, Singapore, Australia, India, Vietnam and much more countries.



PROJECTS AND MODELS

Wedge Wire

Model: Stainless steel wedge wire filter cartridge

Material: AISI 201 304 316 316 L

Size: Width 1.5 mm x height 2.5 mm

RM: 110 - 140 daN/mm², V 20 or V 25

Market: Supply to German

Wedge Wire Screen for Pusher Centrifuge

Model: 316L Wedge wire cylinder for pusher centrifuge and evaporators

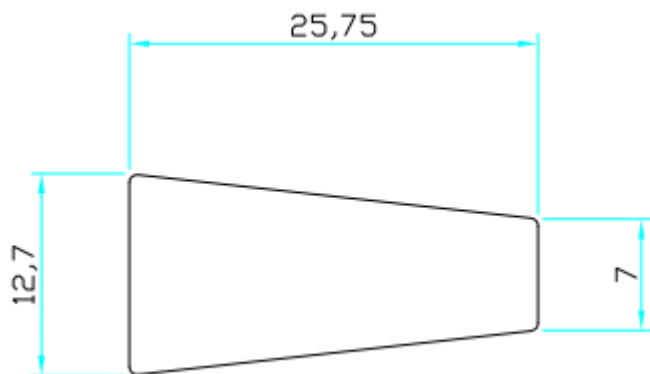
Material: SS316L 201 304 316 316 L

Size: OD192 x 120mm length

Slot: 0.08 mm
Profile Wire: 1x2mm
SR:2x3mm
Market: Supply to India

Wedge Wire to Manufacture Bespoke Screens

Model: 12.7 x 25.75 x 7mm Manganese Steel Wedge Wire
Material: Manganese steel
Size: Lengths from 750mm to 1500mm
Profile as following:



Flat Wedge Wire Panels

Model: Flat stainless steel wedge wire panel with support rods
Size: 38" x 24" with 0.004" opening
Market: Supply to USA

Wedge Wire Rotary Drum Screen

Model: Rotary screen
Material: Stainless Steel SUS 304 201 304 316 316 L
Profile: V Wire
Size: 0.8mm x 2.5mm x 3.5mm
Market: Supply to Viet Nam
Technical datasheet attached: [Mesh structure, profile and welding details.](#)

Wedge Wire Cylinder

Model: Standard external circumferential screen cylinder
Type: V shape wire tube
Structure: V shape welded wire
Material: SS 304 201 304 316 316 L
Size: 2.5 inch x length 6 m
Market: Supply to Singapore

Wedge Wire Filter Cartridge

Model: Wedge wire filter candles
Construction: Wedge wire construction
Material: 316 stainless steel 201 304 316 316 L
Size: Filter element OD 25 to 26mm, L 590-600mm (including end cap for blind end) + fitting
Fitting: 1/2" NPT male hex
Filtration: 40 micron, 10 micron, 5 micron
Market: Supply to Australia
[Technical datasheet attached.](#)

Wedge Wire Filter Element

Model: Vertical vessel wedge wire filter elements

Project: Engineering Design and Supply of wedge wire filter element c/w vessel for cooling water treatment.

Vessel Type: Vertical

Market: Supply to Malaysia.

Technical datasheet attached, including design data, process operating data, and filter details.

PDF : [Wedge Wire Filter Element c/w vessel](#)

316 Stainless Steel Wedge Wire Cylinder for Water Filter System

Model: Wedge wire with axial slots (parallel to axis); wedge wire with radial slots (perpendicular to axis).

Shape: Cylinder

Flow: In to out

Material: 316 Stainless steel 201 304 316 316 L

Inner Diameter: 10 cm

Pipe Length: 25 cm

Slot Width: 0.05 mm

Filtration: 50 microns

Profile: Alternating inverted and upright triangles or normal triangular(cross section)

Ends: Closed with a 5 cm diameter hole in the center for piping purposes on one end and open on the other

Market: Supply to Singapore

Wedge Wire Cylinder to Filter Particles

Model: Stainless steel wedge wire cylinders, threaded at both ends.

Material: Stainless steel

Size: Cylinders between 3-6cm in diameter, about 5cm in length.

Filtration: 650 microns

4" & 5" Stainless Steel Wedge Wire Well Screen for Water Well



Model: Wedge wire well screen to be installed inside 6" water well

Material: Stainless steel 201 304 316 316 L

Size: 4 inch and 5 inch

Well screen length: 2 m x 20 pieces

Slot size: 1mm

Both Ends: Male / Female threaded ends

Stainless Steel Wedge Wire Screens for Mining

Model: Wedge wire mining mesh screens for loaded carbon mining
Material: Stainless steel 304

Wedge Wire Mesh Basket Filter

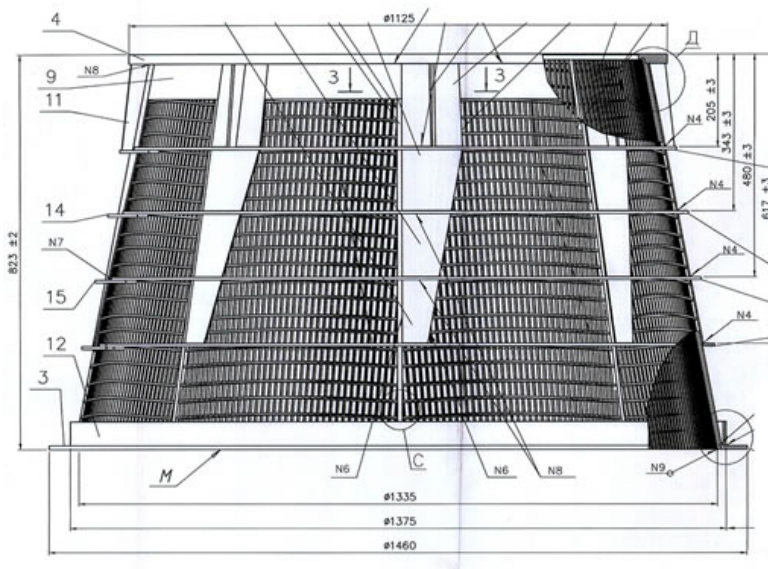
Model: Basket filter
Processing: Welded
Material: Stainless steel AISI 304 201 304 316 316 L mesh
Filter shape: Basket
Market: Supply to Italy
Technical datasheet

V Profile Wedge Wire Screens (0.20mm or 0.25mm Slot)

Model: V profile wire
Material: Stainless steel 304 201 304 316 316 L
Sizes:
Outer diameter 699 mm x Inner diameter 679 x 210mm, 0.25mm slot
Outer diameter 799mm x Inner diameter 779 x 210mm, 0.25mm slot
Outer diameter 630mm x Inner diameter 610 x 280mm, 0.20mm slot
Outer diameter 730mm x Inner diameter 710 x 280mm, 0.20mm slot
Market: Supply to India

Wedge Wire Panels

Model: V wire filter panel used in HSG-1100 and HSG-1300 centrifuges.
Project: Wedge wire panels for centrifuge working with coal preparation process.
Aperture size: 0.5 mm.



Model: Mining panels, 2400mm x 1500mm with 0.8mm aperture
Material: 304 201 304 316 316 L ss material
Structure: Square cut without frame
Supply to Philippines

Wedge Wire Slot Hastelloy C276

Model: Wedge wire slot
Material: Hastelloy C276
Size: Out diameter -70mm, wire -100/ C20, length - 1000 mm
Flow : Out to In
Filtration rating : 25 Micron

Curved Wedge Wire Screen (Two Part Semi Cylinder)

Model: Welded curved wedge wire filter element (two part semi cylinder)

Project: Pusher centrifuges basket bellow wedge wire

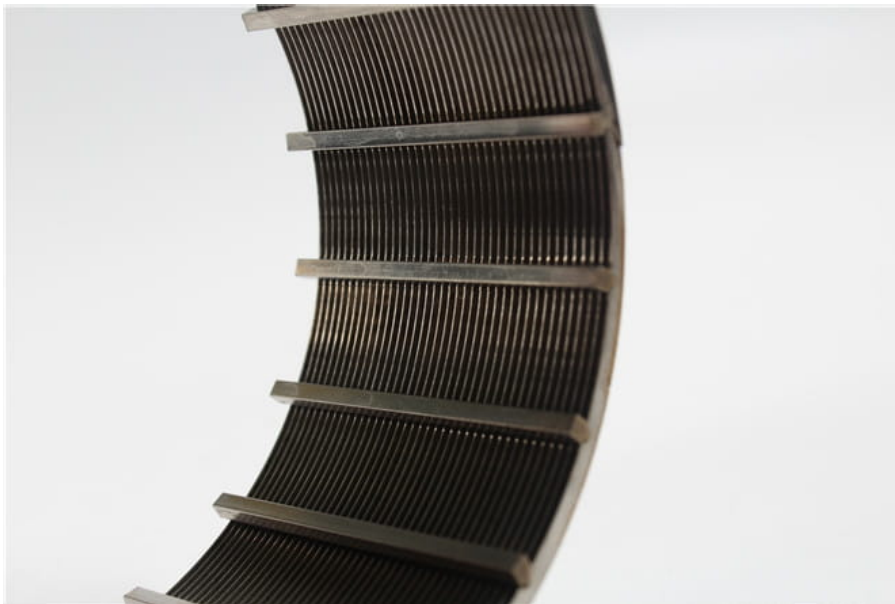
Material: Stainless Steel 316 201 304 316 316 L

Size: ID 269mm x OD 281mm x 144 mm length; ID315mm x 327mm x 144 length

Wires: Wire width 2.2mm, wire height 4mm, slot width 0.2mm

Supply to Iran

Technical datasheet



304 Wedge Wire Cylindrical Screens

Model: Wedge wire cylindrical screen with standard flange on one end and closed on the opposite end

Material: SS 304 201 304 316 316 L

Size:

100mm cylinder diameter x 900mm L x 0.700mm slot opening, with standard flange;

30mm cylinder diameter x 400mm L x 0.700mm slot opening, with standard flange on one end and closed on the opposite end



Model: Cylindrical wedge wire screen for edible oils & food related equipment.

Material: Stainless steel 304 201 304 316 316 L

Construction type: Welded

Shape: pipe / cylinder filter

Area required: 2 meter square approx

Dimension: 550 +/-1 mm diameter ID x 1250 +/-5mm height

Flow direction: In to out

Filtration rating: 30 +/-5 microns

Project: Cylindrical wedge wire applicable for Sieving Equipment

Stainless Steel Drainage Filter

Project: Stainless steel drainage filter with flange-collar welded on the top part of the filter



Model: Slot wire screen

Material - SS316L 201 304 316 316 L

Size: Diameter - 450 mm x Height - 750 mm

Filter type - inverted (with a smooth surface inside)

Slot opening - 0.4 mm

Profile Width - 1.5 mm

Design:

Flange-collar welded on the top part of the filter, width 40 mm, thickness 10mm

The handle for extraction welded on a flange-collar bar-steel, diameter - 8 mm.

Supply to Kazakhstan

316 SS Wedge Wire Sieve Bend Screen for Saltwater Treatment



Model: Curved bend sieve made out of 316ss wedge wire

Material: SS 316 201 304 316 316 L

Technical datasheet

Welded 304 Wedge Wire Screens with SS Ring

Model: 120 micron wire wrapped wedge wire

Material: SS 304 201 304 316 316 L

Screen size: 340mm inner diameter x 700mm height (Wedge Wire Section 1.2mm x 2.8mm)

Design: SS Ring with size 340mm inner diameter x 6 mm thickness x 15 mm height to be welded at bottom of the screen

Filtration: 120 micron

Stainless Steel V-Wire Screen



Model: V- wire wound screen

Material: SS

Filter diameter: 90 mm

Cylinder height: 605 mm

Slit size: 0.2 mm

Filter material: Stainless steel.

Wedge Wire Screen

Model: Custom wedge wire screens for USA customers.

Material: 304, 316 stainless

V wire profile

V wire to the rod

Overall design

Wedge Wire Filter Element

Model: Cylindrical filter

Material: Stainless Steel AISI 304 201 304 316 316 L

Slot size: 760 micron

Wire size: 60V or 47V.

Details for welding and construction of wedge wire elements

Electro Static Sieve Applied Wedge Wire Screen

Panel width: 383mm+/-2mm

Load: Maximum 4.5kg / square cm

Mesh opening: 5mm

Total height with support: 9.5mm to 10mm

Weight to be optimized: as low as possible

Support profile: to be flat

Material: S.S. 316 or S.S.316L

Stainless Steel Internal Axial Wedge Wire Filter

Cylinder size 4x10'

Open area 0.7mm

Material: Stainless steel 304. 201 304 316 316 L

For water re-using filtration system:

Designed to be used for systems of reused the water from the bath and shower into normal toilet.

Popular filter ratings are 0.25 mm (250 micron) and 0.50 mm (500 micron).

Our business is stainless steel mesh (woven, welded, v wire, round wire) and filter elements of all types. Serves industries including water wells, salt water treatment and various filtration, coal processing and various mining uses. We design, engineer and supply Quality Wedge Wires.

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Woven Wire Cloth Test Sieves

Stainless steel sieves for lab testing and grading can be made with either woven wire cloth or micron perforated ss plate as sifting media. **The frames** for stainless sieves can be stainless steel or other metals.

Woven wire mesh sieves with precise opening are the most widely used test sieves for laboratory particle size analysis. Seamless frames ensure a precise fit and superior quality. They are made of the highest quality brass or stainless steel materials and are available in diameter sizes of 38, 100, 150, 200, 250, 300, 315, 350, 400 and 450 mm.



Sieve Handling:

Particles should never be forced through a stainless steel mesh sieve - even the gentle brushing of material through the finer meshes is undesirable, but this procedure is occasionally unavoidable for certain materials that are otherwise difficult to sieve.

Stainless Steel Woven Wire Mesh Can be Made into Special Test Sieves with Extra Depth for Construction and Cement Industries

Extra depth ss sieves are extensively used by the construction and cement industries. These test sieves with extra depth are available with a diameter size of 450 mm and a depth of 300 mm. Made from stainless steel with woven wire mesh or perforated sieving media.



SS Woven Mesh Sieves: Sizes, Frames and Aperture

Test sieve available in diameter 12", 8", 300mm and 75mm with stainless steel frames in all kinds of stainless steel wire cloth and copper mesh, nickel-plated, suitable for precision testing and sorting of abrasive.

300mm stainless wire mesh test sieve is produced by the standard ISO3310-2:1990. The aperture sizes are from 3.35mm to 0.038mm. The frames and covers of Mallas sieves are made of stainless steel while the wire cloth is in all kinds of material such as brass, bronze, stainless steel and copper.

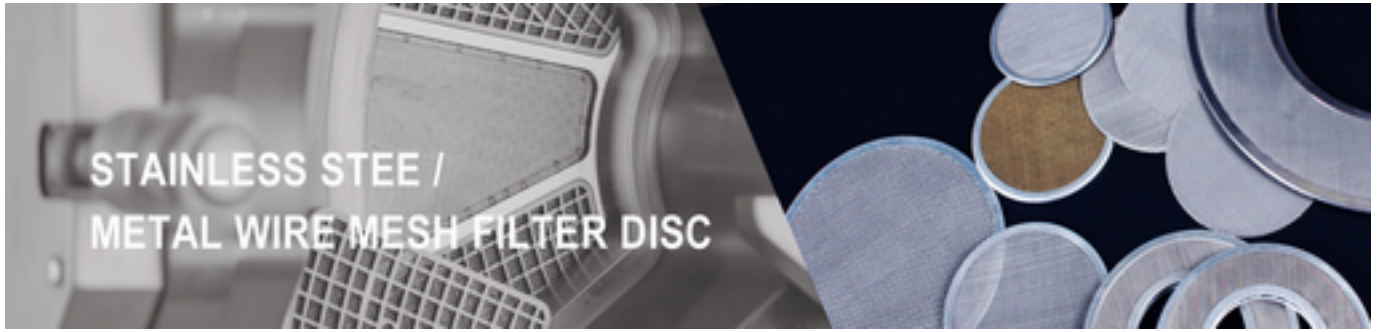
75mm stainless steel test sieve is available in apertures sizes from 500 micro to 5 micro, with allowance +2 micro, in accordance with the standard ISO3310-3:1990. The wire mesh screen is electroformed, and its frames and covers are made of quality stainless steel.

It is mainly used for precise classification of the minute granule materials and it is widely used in metallurgy, abrasive, construction industries and research lab.



Note: SINFT supply a wide range of stainless steel wire mesh sieves, mid-point sieve and mesh certified sieve used as sand sieves, grain sieves, laboratory testing sieves and sifting sieves. In addition to above, wire mesh test sieves for special purposes such as shaped holes, wet washing, mid-point style, very small openings and for use with specialized shakers or equipment are available.

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Stainless Steel Wire Mesh Screen Disc

We supply and export stainless steel mesh filter elements in the forms of wire cloth discs, circles, screen packs, filter assembly or cut pieces.

Mesh materials for processing: AISI 430, 302, 321, 304, 304L, 316, 316L, 904L, Monel, Inconel.
Mesh Fabric Weaving: Plain, Twill, Dutch Weave, Five Heddle Weave.

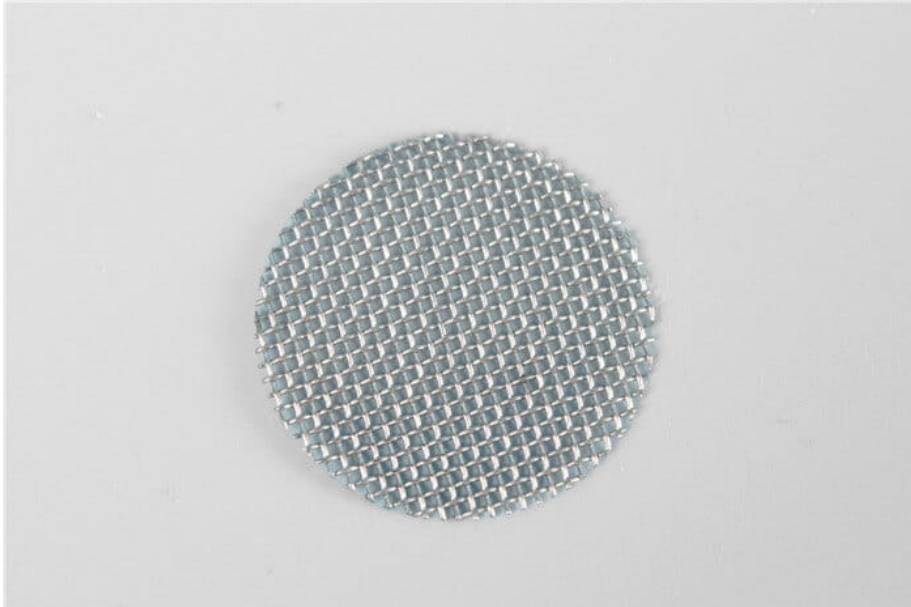
Processing of Filter Discs: Spot welded, cut pieces, framed, rimmed, single or multi layer

Stainless Steel Wire Mesh Screen Disc



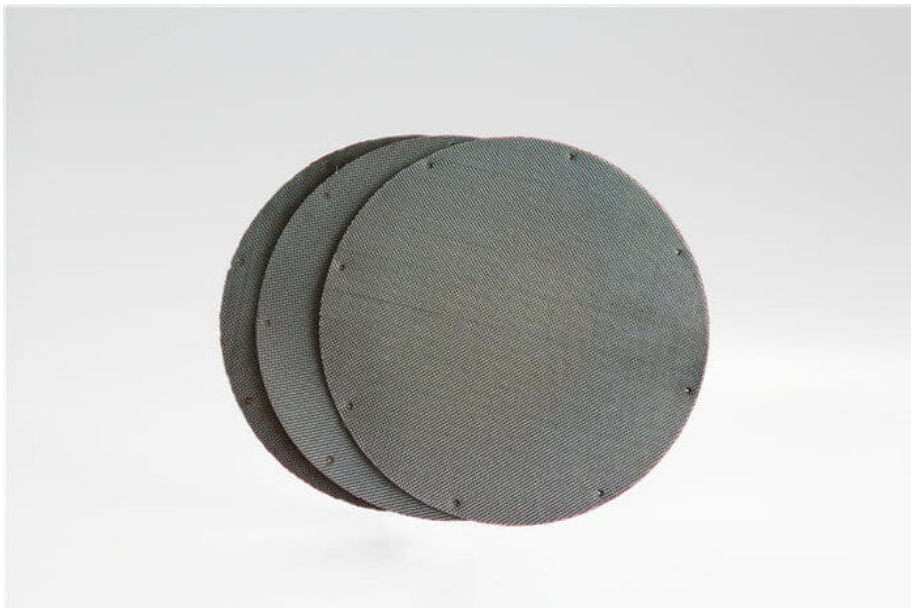
Material: 304 stainless steel wire mesh
Mesh: 250 mesh (can customizable)
Discs diameter 1.5625"

Wire Mesh Filter Disc



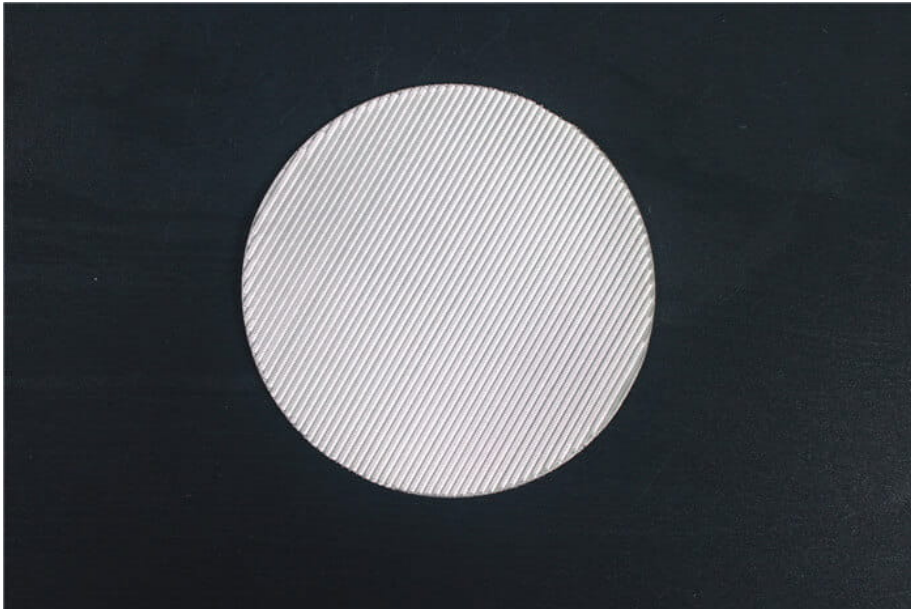
Material: Stainless Steel Wire
Particle filtration: 49 micron
0.0019 inch

Filter Disc Screens for Rubber Industry



Application: Extruder screen
Disc outside diameter: 16mm
Support ring: 2 mm width supporting ring encasing the screen
Screen material: 200 mesh (can customizable)

Wire Mesh Filter Disc, for Fuel and Gas Filters



Filter discs, exported to USA

304 Stainless steel mesh discs, 2.5" diameter

Used in automotive type fuel filters

Filter rating: Filtration of particles down to .0004".

Feature: Minimum wire thickness to reduce flow restrictions while allowing more openings for fuel to flow.

SS304 Sintered Wire Mesh Filter Discs, for Demister Uses

Used in liquid or gas filtration

Material: SS 304 wire mesh, $\varnothing 14 \times 5 \text{mm}$ (± 0.2) - wire $\varnothing 0.23 \text{mm}$ - mass 2gms (± 0.2)gms (can customizable)

Stainless Steel Dutch Weave Wire Mesh Filter Cloth Discs (SPL DPL)





Filter material: 316L Stainless Steel Dutch Weave Wire Mesh Filter Cloth 200 x 1400 mesh

316L Stainless Steel Dutch Weave Wire Mesh Filter Cloth Discs

Disc diameter: 32mm including ring

Thickness: 1mm

To Holland Automation and navigation equipment industry

SS Filter Discs, 2 Layers Pack Screen



Filter discs to Iran

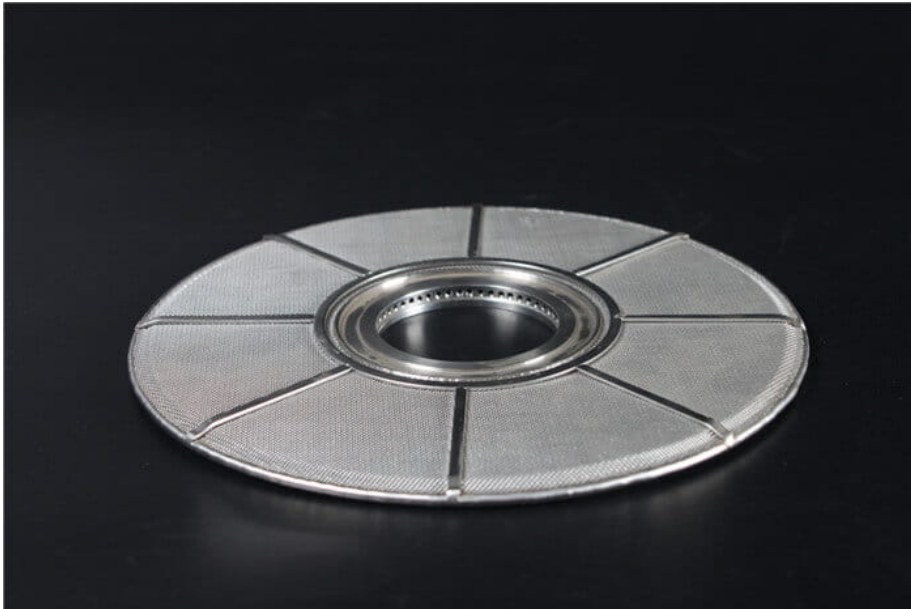
Fabricating ss wire cloth into filter packs:

Round shape with diameter of 20mm , in 2 layers .

Layer 1: strong support layer

Layer 2: filter layer: mesh 100 and – 200 mesh (can customizable)

Filter Disc for Polyester Films Filtration



Supplied for India polyester films industry.
Extruder screen, filter elements for Polymers and Engineering Plastic compounds production
Disc with 2.5 inches ID, 12 inch OD and 3000 PSID.
Filter rating: 40 micron (can customizable)

Filter Mesh Circles of Stainless Steel 4% Ni Material



Wire cloth slit into circles

Discs available:

Material: Stainless Steel 4% Ni

20x20 mesh x 0.55mm wire x 3' x15m, roll weight: 41.8kg

Outer disc diameter 8", 9", 10".

Material: Stainless Steel 4% Ni

40 x 40 mesh x 0.25mm wire x 3' x 15m, roll weight: 17.3kg

Outer disc diameter 8".

Material: Stainless Steel 4% Ni

80 x 80 mesh x 40BWG x 4' x 30 m, roll weight: 20kg

Outer disc diameter: 7" , 9", 10".

Material: Stainless Steel 4% Ni

Twill weave 60x60 mesh x 34BWG x4'x30m, roll weight: 48kg

Outer disc diameter 8" , 9", 10".

Material: Stainless Steel 4% Ni

120 mesh x 4'x30m, roll weight 14kg

Outer disc diameter 8".

Material: Stainless Steel 4% Ni

150meshx4'x30m=9kg

Outer disc diameter 8".

Material: Stainless Steel 4% Ni

200mesh x4'x30m=9kg

Outer disc diameter 8".

Material: Stainless Steel 4% Ni

200mesh and 250 mesh twill weave

Sintered SS Disc Filters



Multi layer wire cloth sintered wire mesh sheet can be made into circular screen or fluidized board

Application: Chemical industry and power plant

Ø.500" (Ø 12mm) flat sintered mesh filter discs without rim

Opening: Max .005" (.012mm).

Material: S.S 316L

Diameter: .030" (.75mm)

To UK for project to filter impurities, to eliminate fine particles

Powder Sintered Mesh Filter Disc



Stainless Steel Filter Discs with Stainless Steel Rims, for water filtration



Food Grade Mesh Screen Filter
For water filtration
Disk OD: 84 mm
Openings in the screen: 1mm max.

Circular Filter Screen, Single or Multi Layer Wire Cloth

Single piece of woven wire cloth can be cut to circular form, or cut to filter strips, to be used as filter screen in chemical fiber and plastic extruder process. Filter screen used in plastic extruding process is also called Extruder Screen.

Circular Filter Screen, Available in Circular Diameter 62mm, 72mm & 92mm
Media: SS mesh 20, 40, & 80



Screen type: SS 304 Wire mesh, Mesh 20x20, wire dia 0.37"
Circular filters, in diameter 155mm

Screen type: SS 304 Wire mesh, Mesh 40x40, wire dia 0.21"
Circular filters, in diameter 155mm

Screen type: SS 304 Wire mesh, Mesh 60x60, wire dia 0.15"
Circular filters, in diameter 155mm

Screen type: SS 304 Wire mesh, Mesh 80x80, wire dia 0.12"
Circular filters, in diameter 155mm

Mesh Screen in AISI 304/316 Stainless Steel, for Process Filter



AISI 304 Woven Wire Cloth for Spin Pack Filters

Specifications as following:

Stainless steel AISI 304 wire mesh cloth

Material: AISI 304, 430 also available.

Mesh: 35 Mesh x 0.015" wire diameter

Roll size: 4'x112"

Stainless Steel Filter Screen



Stainless steel screen

Specifications as following:

Material: Wire cloth

304 woven wire, 200 x 200 x 0.0021

Mesh opening: 74 μ m +/- 5 μ m

Wire diameter: 54 μ m

Open area: 33.5%

Thickness: 85 μ m

Replace Filter Disc for Alfa Laval



Stainless Steel Mesh Diffusers

Stainless mesh ss grade is made into disc type diffusers of various diameters.

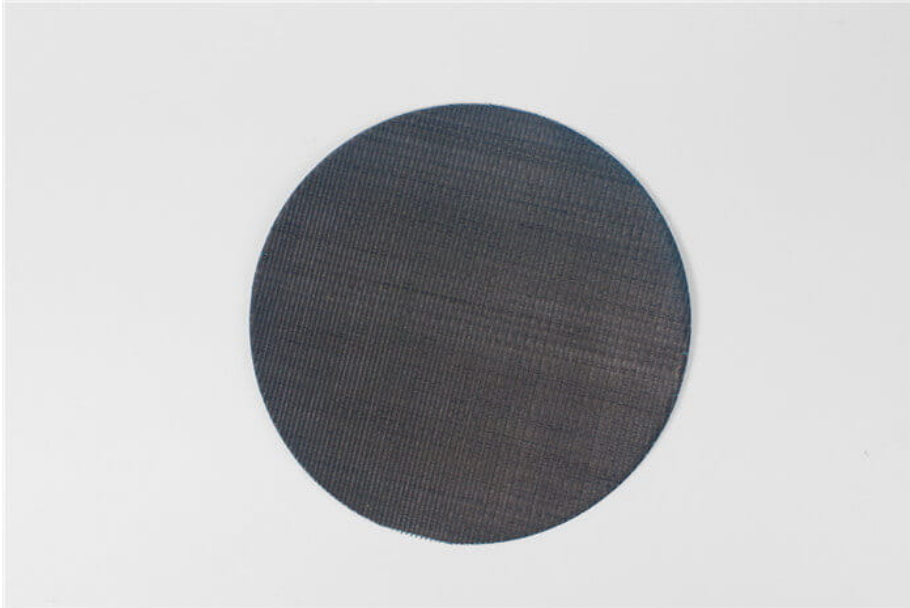
Hole: Square opening

Layer: single or double

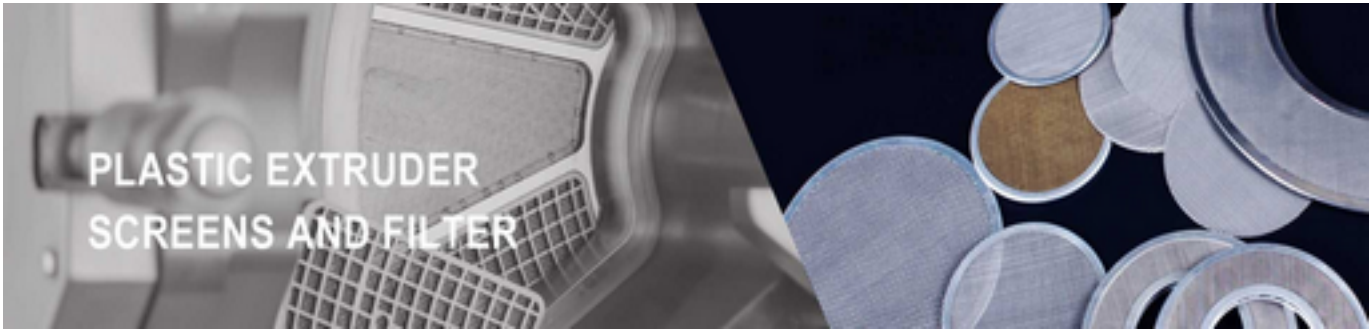
Edge and surface: Deburred, break sharp edges

Application: For vent / air flow

Black Silk Metallic Mesh Disc

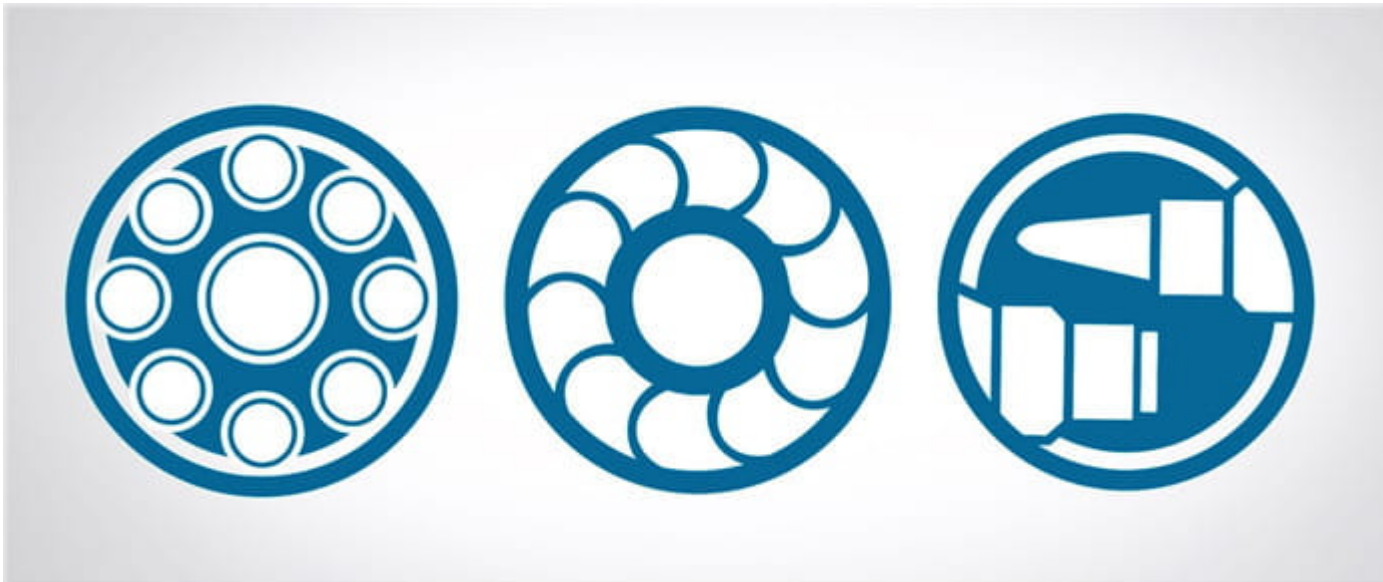


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Plastic Extruder Screens and Filters

These are also used in the extruded profiles and blown film industries where the contamination of the raw material is less and there is often lower pressure within the extruder head.



Single Screen Filters

Our wire mesh single screen filters are often used in the plastic reclamation industry, possibly with a Dutch Weave filter used with a plain weave support filter.

These are also used in the extruded profiles and blown film industries where the contamination of the raw material is less and there is often lower pressure within the extruder head.

Spot Welded Packs

SINFT® spot welded wire mesh filter packs are excellent in any field where a specific graduation filtration is required.

Another advantage is that it stops single screen filters being placed into the extruder incorrectly. For example a pack consisting of three meshes could consist of a 10mesh / 20mesh / 10mesh; meaning that whichever way the wire mesh filter is placed into the extruder head, it will work correctly.

Rim Packs

SINFT® wire mesh filter rim packs feature spot-welded packs with an Aluminium or Stainless Steel rim added for extra rigidity and strength.

Kidney-Shaped Extruder Screens

The single-layer kidney-shaped extruder screen can be used in the blown film industry with lower pressure. The multilayer kidney-shaped extruder screen is stronger and has a finer filtering function. It is suitable for repeated use in the plastic, fiber and glass industries.



Replace Nordson Screen Pack

These are excellent for use where the extruder screen filter is operating at high pressures or if there is a danger of contamination getting around the edge of the breaker plate.



Existing die sizes for wire mesh pressed components :

Die sizes listed by diameter (mm)

DIA	DIA	DIA	DIA
2.5	20.0	59.3	118.6
3.0	20.4	60.0	120.0
3.1	21.0	61.0	121.0
3.5	21.3	62.0	122.0
3.7	22.0	63.0	123.0
4.0	23.0	64.0	124.0
4.5	24.0	65.0	125.0
4.75	24.4	66.0	127.0
4.8	24.6	67.0	128.0
5.0	25.0	68.0	130.0
5.2	25.4	69.0	132.0
5.6	26.0	70.0	134.0
5.9	26.5	71.0	136.0
6.0	27.0	72.0	138.0
6.5	28.0	73.5	140.0
6.8	28.4	75.0	142.0
7.0	29.6	76.0	143.0

7.3	30.0	78.0	144.8
7.5	31.0	78.5	148.0
7.8	31.6	79.3	150.0
8.0	32.0	80.0	152.0
8.3	32.5	80.5	154.0
8.5	33.0	81.0	155.0
8.75	34.0	82.0	158.0
9.0	34.5	84.0	160.0
9.25	35.0	85.0	162.0
9.5	35.5	87.0	164.0
10.0	36.5	89.0	165.0
10.2	37.0	90.0	167.0
10.5	37.6	90.5	168.0
11.0	38.0	91.0	170.0
11.2	38.1	92.0	175.0
11.25	39.0	93.0	176.0
11.5	40.0	95.0	180.0
12.0	40.5	96.0	182.0
12.5	41.0	98.0	183.0
12.7	42.0	100.0	190.0
13.0	44.0	101.5	195.0
13.5	45.0	103.0	200.0
14.0	45.5	104.0	202.0
14.5	46.5	105.0	205.0
15.0	47.0	106.0	208.0
16.0	48.0	107.0	210.0
16.5	49.0	108.0	215.0
17.0	50.0	110.0	220.0
17.3	51.0	111.5	224.0
17.6	52.0	114.0	228.0
18.0	54.0	115.0	248.0
18.5	55.0	115.5	250.0
19.0	56.0	116.0	280.0
19.5	57.0	117.0	324.0
19.8	58.0	118.0	

Other finishing services available include:

- Slit to width rolls
- Cut pieces
- Fine blanking
- Annealing
- Degreasing
- Ultra sonic cleaning
- Calendering
- Air plasma cutting

Laser cutting of complex shapes

Application

Plastic Extruder Screens and Woven Wire Mesh Filters made from SINFT® wire mesh have many extrusion applications within the plastics industry. Some examples are:

.Reclamation of Plastic Waste

The recycled plastic recovered from post-consumer waste is in ever increasing demand. This is due in part to the costs of landfill and the consumers' desire for more eco-friendly products. The new plastic 'raw' material is gained by heating waste plastic and passing it through an extruder screen filter within a plastic extrusion machine. The extruder screen filter removes contaminants such as paper, allowing the clean recycled plastic to be collected at the end of the process. This can then be manufactured into a new product which has reduced the negative impact of using new plastic material.

.Extruded Profiles

Wire mesh extruder screen filters are extensively used in the extrusion of plastic profiles. Applications include UPVC window profiles, plastic tubing ranging from gutters to industrial utility pipes and custom made extrusions.

.Blown Film Extrusion

Extruder screen filters are used in the production of polythene bags, waste sacks and plain 'cling' film to name but a few. The wire mesh extrusion filters are an essential part of this process as they remove any remaining impurities in the plastic so that the end product does not have any flaws in it.

Our high speed machinery, coupled with an extensive range of standard disc sizes, enables us to offer a wide variety of industrial wire mesh extruder screen filters. We also stock filter belts for use in automatic screen changers.

These diameters can be supplied in all of our Standard Stock Specifications as well as the range of Dutch Weaves in both stainless and plain steel where applicable.

Most of the standard disc sizes used in extrusion and filtration processes are available from existing die sets. A table listing these sizes is provided via the link below.

Existing Die Sizes

Dedicated tooling to press custom-made components can be manufactured to order.

Extruder screens, disc packs and spinneret filters

Other facilities include the high speed cutting of plain discs and washers, together with a variety of shaped woven wire mesh screens. These can be supplied as separate components or combined in varying meshes, spot welded together or bound with aluminium, stainless steel or copper rims to form multi-layer screen packs and spinneret filters. This range of products is supplied extensively for use in the manufacture and reprocessing of plastic and rubber products and to the synthetic fibre industry.

Multi-layer tubular screens for plastic extrusion equipment and high tensile stainless steel meshbands for use in automatic screen changers are also available.



Wire Mesh Filter Cap

Wire Mesh Filter Cap, also known as binocular filter, used in high viscosity melt filtration device, easy to remove hard material and condensed, the material is stainless steel sintering felt and stainless steel sintering network. Marine diesel engines and other equipment to filter, and chemical fiber industry, synthetic fiber and synthetic fiber textile spinning nozzle side before various types and other similar conditions, the spinning dope impurities in the filter.

Material: ss304 wire mesh,ss316 wire mesh,ss316l wire mesh,brass wire mesh.

Shape: round shape,rectangular shape, toroidal shape,square shape,oval shape,other special shape

Specification:

Round shape: diameter:44 to 600mm

Toroidal shape: inner diameter 18 to 250mm, outer diameter 50 to 350mm

Rectangular shape: width 50 to 100mm, length 60 to 400mm

We can manufacture from 8 to 80 mesh for plain weave and twill weave and from 12x64 mesh to 40x200 mesh for dutch weave.

Features:

Corrosion resistance.

Anti-acid and alkali

Anti-high temperature.

Good filter performance.

Long using life

Wire Mesh Filter Cap Application: Fuel refueling equipment filter, water treatment equipment filter, pharmaceutical and food processing field etc.

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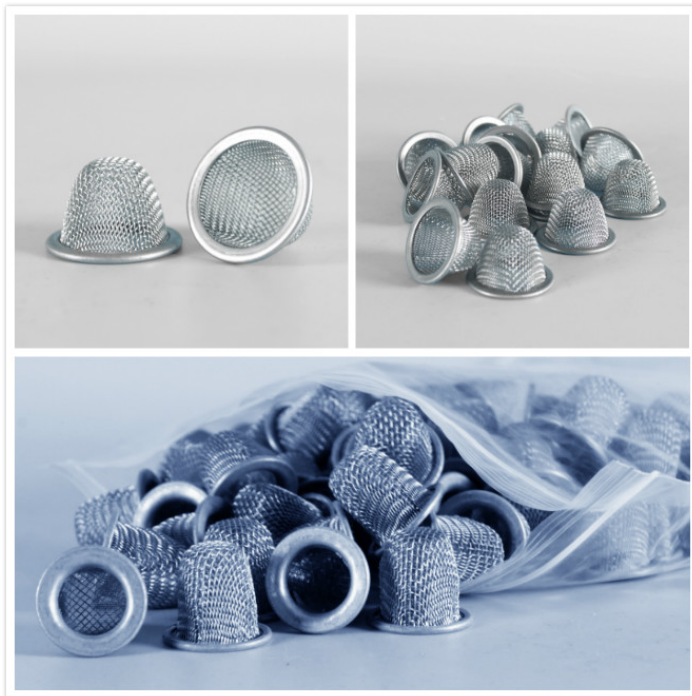
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Woven Screen Tubes for Industrial Screens

Woven Screen Tubes, also called cylindrical filter. Its filter media adopts sintered wire mesh, which is convenient to clean, operate and reused. Woven Screen Tubess have high filtration efficiency, good dirt-holding capacity, high temperature resistance and good chemical resistance. They are suitable for the purification and recycling of various resources.

Cylindrical filters have a wide working temperatures, ranging from -200°C to 600°C . They are extensively used in the power industry, marine industry, pharmaceutical industry, petrochemical industry and other areas. This series products are available in various porosity, apertures and filtration accuracy. Different sizes, materials and types can be customized according to your specific requirements.





Specifications:

Materials: SUS304, SUS316, SUS316L, etc.

Filter Media: sintered wire mesh, woven wire cloth.

Filtering Rating: 0.5 - 200 micron.

Working temperature: -200°C - 600°C.

Packing: plastic bags; cartons; pallets.

Features:

High strength.

High temperature resistance.

Good dirt-holding capacity.

Easy cleaning and operating.

Low cost.

Applications:

Used in polymer, water and oil filtration.

Applied in gas, fuel and hydraulic filtration.

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Strong Perforated Steel Tube Strainer for Medium Filtration

Perforated Steel Tube Strainer is a new type of filter cartridge. Its outer layer is made from perforated metal mesh. Similar to sintered candle filter, this type of candle filter also has the features of high strength and good wear resistance. It has good flexibility and adaptability, and fits for various filtration and purification applications.

Perforated Steel Tube Strainer has good heat and pressure resistance. It is applicable to a wide range of temperatures and pressures. Perforated Steel Tube Strainer is widely used in petrochemical plants, engineering machinery plants, water treatment industries, oil industries, pharmaceutical and food processing areas.





Specifications:

Perforated types: round and square.
Materials: sintered wire mesh, perforated metal mesh.
Filter fineness: 2 μ m - 300 μ m.
Working temperature: \leq 600°C.
Packing: plastic bags; cartons; wooden boxes.

Features:

High mechanical strength.
High filtration efficiency.
Anti-corrosion.
Good wear resistance.
Good durability.

Applications:

Used in the filtration of gas, water and oil.
Fit for impurity purification and particle removal.
Applied in the water treatment industries, oil industries, pharmaceutical and food processing areas, etc.

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STAINLESS STEEL FILTER TUBE



Stainless Steel Sock Screen Gasket designs are inserted into the I.D. of your stainless steel tubing and provide filtration for a greater soil retention. The extended sock shaped mesh gasket offers up to 300% more open area for 300% more soil collection capability than conventional screens.











They provide greater flow for situations where a large amount of particulates are involved. Due to the large capacity and open screen area, sock screens require less service, therefore, reducing down time and costly changeouts, a major consideration with inline pharmaceutical processing.

Stainless Steel Sock Screen Gasket Size: 1 1/2", 2", 2 1/2", 3" & 4".

Length include: Short version: 1 1/2" (38mm), and long version 6" (152mm)

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BAG BASKET FILTER STRAINER



Strainer Baskets, Filter Bag Baskets And Filter Housings

SINFT manufactures a complete line of Bag Filter Basket Strainer, Filter Bag Baskets Perforated tube, and Filter Housings which replace all current models as well as any which have been discontinued by the Original Equipment Manufacturers (O.E.M.).

These replacement Bag Filter Basket Strainer and housings are made to equal or exceed the O.E.M. NDFP offers replacement Strainer Baskets, Filter Bag Basket Strainers, and Filter Housings for:

American Felt & Filter
Cuno
Commercial Filters
Filter Specialists (FSI)
Filtration Systems
GAF
Ronningen-Petter
Strainrite
Oakland
and Plenty

All tradenames referenced are the trademarks, service marks or registered trademarks of their respective holders. Hebei Sinft Filter Co., Ltd. does not claim to produce other manufacturer's filters and/or strainer.

STRAINER BASKETS

Basket Construction Stainless Steel:

Standard material is 304 stainless steel. 316 stainless steel is available as an option:

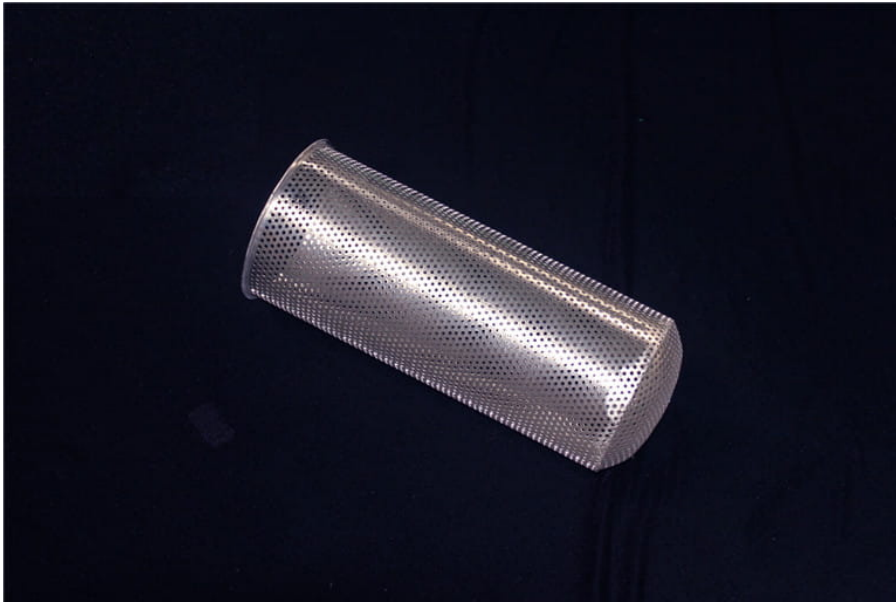
#1 Bag Filter Basket



#2 Bag Filter Basket



#3 Bag Filter Perforated Basket tube



#4 Bag Filter Perforated tube



Basket Media Selection Perforated

Bag Filter Basket Strainer. For cleanable strainer baskets, choose from the following perforation diameters: 1/4, 3/16, 9/64, 1/16 inch. For filter bag baskets: Standard 9/64-inch diameter perforations, with 51% open area, are supplied.

Perforated With Wire Mesh Strainer

Strainer and filter bag baskets: Stainless steel wire is used in mesh sizes 30, 60, 100, 150, or 200. When used as a filter-bag basket, the following advantages are realized: Fiber migration is minimized. In the unlikely event of bag rupture, the wire mesh contains the contaminant. Bag material cannot become "lodged" in the perforations due to extreme pressure differential. Enhanced flow characteristics when using monofilament bags.

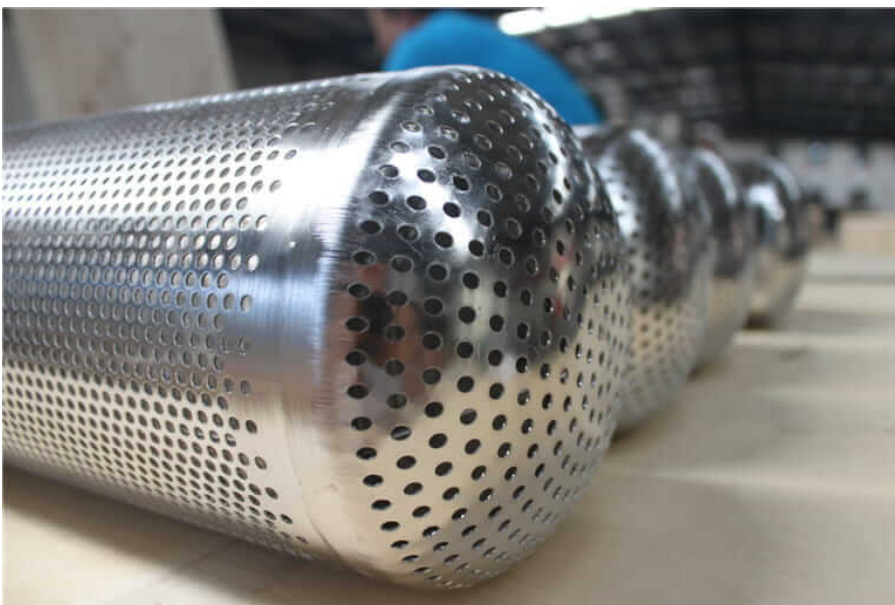


Stainless steel Filter Tube Size:

1. Filtration rating from 1 μm to 250 μm .
2. The minimum outer diameter can be as small as 10 mm.
3. High mechanical strength, and can maintain a steady filtration
4. performance under high pressure.
5. This type of cylindrical sintered filter element is easy to clean
6. especially for backwashing.

Perforated tube and other wire mesh tube





Type:

aquarium filter strainer, bathroom sink strainer, centrifugal basket, coffee strainer, conical

strainer piping, duplex basket strainer, Fire Hose Strainers ,Floating Barrel Strainers, Foot Valve Strainers, Harrington Barrel Strainer, including pipeline basket strainer, suction strainer, Intake Strainer, irrigation strainer, perforate basket, perforated cutlery basket, Perforated Metal Tube, pump strainer, simplex basket strainer, Stainless Steel Basket Strainerm, Strum Box Strainer, suction filter for water pump, y strainer filter. The outside sizes and filtration rating can be custom made.

Stainless steel filter tubing is made from first-class stainless steel sheet or ss wire mesh in SUS/AISI 201 202 302 304 310 310S 316 316L 321 430 etc.have excellent resistance against acid, alkali, heat and corrosion.

Hole size and shape can be customized according to customers' requirements.

FILTER HOUSINGS and Customized

If you have special requirements, you can provide dimensions, requirements, drawingsand we'll submit a quote for your review.

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По вопросам продаж и поддержки обращайтесь:

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Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
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