



METAL FILTRATION PRODUCTS & SOLUTIONS

Stainless Steel Wire Mesh & Custom Filter Elements

Professional Selection · Precision Customization · Reliable Supply



Anping Wanliu Metal Products Co., Ltd.

Reliable Metal Filtration Starts Here

WL NEXO is the industrial filtration brand of Anping Wanliu Metal Products Co., Ltd., specializing in stainless steel wire mesh, metal filter media and custom filter elements.

Backed by Anping's well-established wire mesh industry and processing resources, we provide flexible product selection and customization support based on drawings, samples, filtration requirements and actual operating conditions.

**01****Application-Based Selection**

Based on media, rating and operating conditions

02**Flexible Customization**

From drawings, samples and non-standard designs

03**Reliable Supply**

For standard items, small batches and repeat orders

Filtration Solutions for Your Process

01

LIQUID FILTRATION

Water, oil, chemical fluids, food & beverage and hydraulic fluids

Wire mesh · filter discs · filter baskets · sintered filter elements

02

GAS FILTRATION

Industrial gases, mist removal, dust and high-temperature gas

Wire mesh filters · demister pads · sintered filter elements

03

SOLID-LIQUID SEPARATION

Screening, water treatment, mining and industrial separation

Wedge wire screens · filter screens · filter baskets · sintered mesh

04

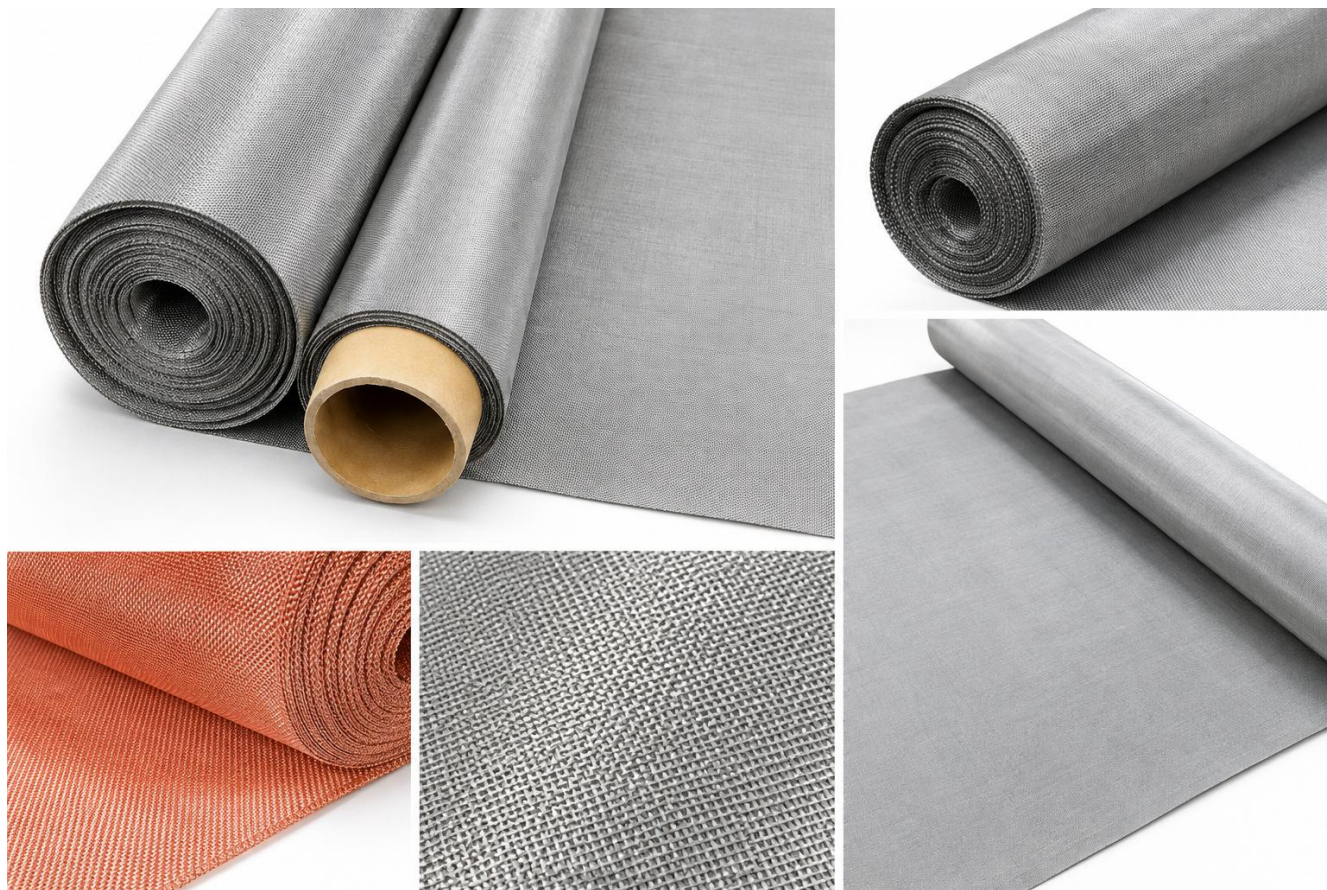
EQUIPMENT FILTRATION

Valves, pumps, extruders, hydraulic and mechanical equipment

Filter discs · filter cylinders · filter tubes · custom assemblies

Metal Filter Media

Woven stainless steel mesh is a widely used base material for industrial filtration. Material grade, mesh count, wire diameter, aperture and weave type can be matched to your requirements.



COMMON MATERIALS

- SS304 / 304L
- SS316 / 316L
- 2205 / 2507 Duplex Stainless Steel
- Copper / Titanium / Monel Mesh

WEAVE TYPES

- Plain Weave
- Twill Weave
- Dutch Weave
- Reverse Dutch Weave

CUSTOM PARAMETERS

- Mesh Count & Wire Diameter
- Aperture & Filtration Requirements
- Mesh Width & Roll Length
- Special Materials & Packaging

Applications: liquid and gas filtration, screening, petrochemical, food, pharmaceutical, plastics extrusion, water treatment and machinery.

Valve Screens

Valve core screens and precision filter elements for hydraulic, pneumatic, automotive and appliance applications.



QUALITY MATERIALS

Stainless steel, copper, iron, etc.



PRECISION DESIGN

Accurate apertures, stable filtration



CUSTOM MADE

Multiple sizes, made to order



Edge-Bound Filters

Strong, easy-to-install edge-bound filters for a wide range of operating conditions.



VARIOUS SHAPES

Round, oval and custom shapes



MESH OPTIONS

Stainless, copper and galvanized mesh



CUSTOM MADE

Precise dimensions, made to order





Filter cylinders · filter baskets · filter tubes · conical strainers ·
temporary strainers · custom assemblies

Welding · spot welding · rolling · stamping · laser cutting · edge forming

SS304 · SS316 · SS316L; special alloys available for specific operating conditions

Pipeline and pump inlet filtration, liquid filtration, chemical equipment, water treatment and machinery

Sintered Filtration: Stable, Durable & Cleanable

Multiple layers of metal wire mesh are laminated and vacuum-sintered into a stable structure, combining mechanical strength, filtration accuracy and cleanability. Filtration rating, construction and material can be selected for the fluid, pressure, temperature and operating environment.



PRODUCT TYPES

- Sintered Wire Mesh
- Sintered Filter Discs
- Sintered Filter Elements
- Pleated Sintered Filter Elements
- Cylindrical Filter Elements

APPLICATIONS

- Petrochemical
- Polymer Filtration
- Hydraulic Systems
- Gas Filtration
- Water Treatment
- Food Processing
- High-Temperature Filtration

Precision Screening & Custom Filter Assemblies



With uniform slot openings, high mechanical strength and excellent flow, wedge wire products are ideal for water treatment, screening and solid-liquid separation. Special connections and mounting structures can combine perforated plate, wire mesh, welded parts and formed components.

PRODUCT TYPES

- Wedge Wire Screen Panels & Cylinders
- Perforated-Metal Filter Elements
- Precision Etched Screens
- Custom Laser-Cut Screen Discs
- Filter Baskets
- Custom Filter Assemblies

CORE FEATURES

- High Structural Strength
- Uniform Slot Openings
- Excellent Flow Performance
- Easy to Clean
- Customizable Construction

Start with a Drawing, Sample or Specifications

Based on the information available, we help confirm the material, filtration rating, product construction and fabrication requirements.

01**SUBMIT REQUIREMENTS**

Drawings, photos, samples or key specifications

02**REVIEW TOGETHER**

Material, mesh count, rating, construction and tolerances

03**MATCH & DELIVER**

Process, quantity, packaging and lead time

**INFORMATION TO PROVIDE**

- Dimensions / Construction / Tolerances
- Material / Mesh Count / Wire Diameter
- Aperture / Filtration Rating
- Media / Temperature / Pressure
- Quantity / Packaging / Lead Time

Filtration & Separation Across Industries

01

PETROCHEMICAL



02

WATER TREATMENT



03

FOOD & BEVERAGE



04

MACHINERY



05

HYDRAULIC SYSTEMS



06

POLYMER & PLASTICS



07

AUTOMOTIVE



08

GAS FILTRATION



09

**INDUSTRIAL
SEPARATION**



Different media and operating conditions require different materials, constructions and filtration ratings.
Share your requirements and we will help match the right solution.

Key Requirements Confirmed from Material to Delivery

For custom filter components, we verify material, dimensions, construction, filtration requirements and delivery standards to ensure that each product matches the actual operating conditions and installation requirements.

MANUFACTURING & DELIVERY PROCESS



KEY VERIFICATION ITEMS

- 
MATERIAL & MESH
 Grade · Wire Diameter · Mesh Count · Aperture
- 
DIMENSIONS & TOLERANCES
 OD · Length · Connections · Mating Dimensions
- 
FILTRATION REQUIREMENTS
 Rating · Media · Temperature · Pressure
- 
CONSTRUCTION & PROCESS
 Layers · Supports · Welding · Edge Binding
- 
APPEARANCE & QUANTITY
 Surface Condition · Quantity · Marking
- 
PACKAGING & DELIVERY
 Protection · Packaging · Lead Time

Specified inspection standards, inspection records or packaging requirements can be confirmed before ordering.
 Production and delivery are based on the mutually confirmed drawings, samples and order requirements.



Build a More Reliable Filtration Solution Together

Send drawings, photos, samples or key specifications. We will help you quickly confirm a workable filtration solution.

BRAND

WL NEXO

COMPANY

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