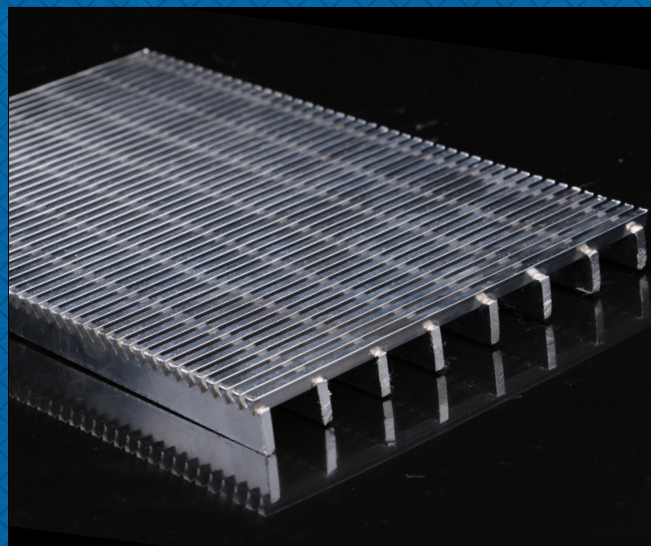


Wedge Wire Screen Panels

Providing Effective Solid Liquid Filtration

Wedge wire screen panels, also known as wedge wire flat screens, are rectangular wedge wire materials used for filtration. Wedge wire screen panels are manufactured using equally spaced wedge wires and support rods, which as surface profiles are welded onto the support profiles at 90° at each intersection.

Therefore, the shape and characteristics of wedge wire screen panels facilitate the accurate completion of the filtration process by vibration or liquid flow and are suitable for the screening of solids and the filtration of liquids. Smooth surface of the wedge wire screen panels and small slot sizes guarantee precision efficiency. Wedge screen panels support customization in conjunction with usage scenarios, choosing the right slot spacing and support bars for effective filtration.

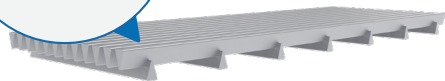
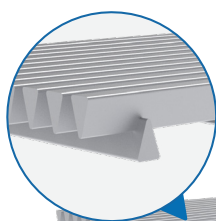


Types

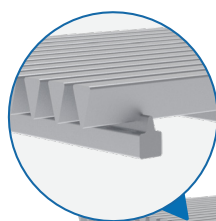
Wedge wire screen panels are presented in different types to help you identify your target products.

• Support Wires

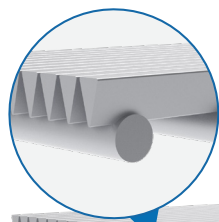
We offer wedge wire screen panels with 5 different types of support rods: triangular (V-shaped, wedge), square wire, round rod, flat bar, and water-drop.



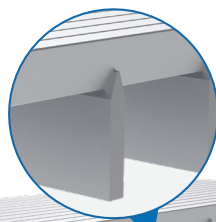
Triangle bar support rods



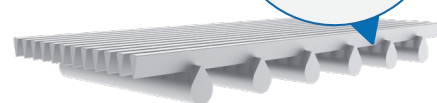
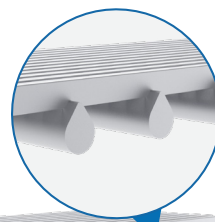
Square wire support rods



Round bar support rods



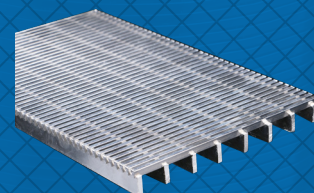
Flat bar support rods



Water-drop support rods

Wedge Wire Screen Panels

Providing Effective Solid Liquid Filtration



Technical Information

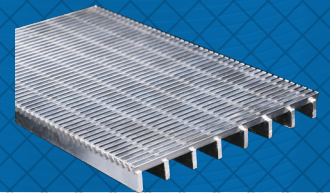
• Material	Stainless steel 304/316L/321/310S, Duplex steel 2205/2507, Hastelloy, Titanium alloy, etc.
• Surface profile type	Triangular (V-shaped, wedge) wires.
• Support profile type	Triangular (V-shaped, wedge), round rod, flat bar, water-drop, and square wire.
• Slot size	0.02 mm – 10 mm.
• Pitch	10 mm – 100 mm.
• Surface profile wire length	Up to 3,000 mm.
• Support profile wire length	Up to 4,000 mm.

Common Specifications of Wedge Wire Screen Panels

Item	Slot Size (mm)	Profile Wire	Support Rod							
		Triangle/Wedge Wire (mm)	Triangle/Wedge Wire (mm)	Square Wire (mm)	Round Bar (mm)	Flat Bar (mm)	Water Drop Wire (mm)			
WWSP-01	0.02	0.45 × 1.3 0.5 × 1 0.5 × 1.2 0.65 × 1.3 0.75 × 1.5	1 × 2 1.2 × 2.3 1.5 × 2.5 2 × 3	1.5 × 2.5 2 × 2.3 2 × 3						
WWSP-02	0.05									
WWSP-03	0.1									
WWSP-04	0.15		1 × 2 1.2 × 2.3 1.5 × 2.5	1.5 × 2.5 1.8 × 2.5 1.8 × 3 1.8 × 3.7 2 × 3 2.2 × 3.5 2 × 4 2.2 × 3.5 2.2 × 4 2.2 × 4.2 3 × 5	2 × 2.3 2 × 3 2.2 × 5.3 3 × 5 4 × 6 4.2 × 6.5 4 × 7.5					
WWSP-05	0.2									
WWSP-06	0.25									
WWSP-07	0.3									
WWSP-08	0.4	1 × 2 1.2 × 2.3 1.5 × 2.5 1.8 × 2.5	2 × 2.3 2 × 3 2.2 × 5.3 3 × 5 4 × 6 4.2 × 6.5 4 × 7.5			D4 D5 D6 D8 D10 D12	2 × 25 3 × 25 3 × 8 3 × 10 3 × 12 3 × 15 3 × 20 4 × 25	D3.8 × 5.3 D5 × 6.5 D6 × 8		
WWSP-09	0.5									
WWSP-10	0.6									
WWSP-11	0.7									
WWSP-12	0.8	1.5 × 2.5 1.8 × 3.7 1.8 × 2.5 2 × 3 2 × 3.5 2 × 4 2.2 × 3.5 2.2 × 4 2.2 × 4.2 2.5 × 5 3 × 4.5 3 × 4.6 3 × 5 3 × 6 3.2 × 6.2 3.5 × 6 3.5 × 6.5 3.4 × 6.5							1.5 × 2.5 1.8 × 3.7 1.8 × 2.5 2 × 3 2 × 3.5 2 × 4 2.2 × 3.5 2.2 × 4 2.2 × 4.2 2.5 × 5 3 × 4.5 3 × 4.6 3 × 5 3 × 6 3.2 × 6.2 3.5 × 6 3.5 × 6.5 3.4 × 6.5	3 × 5 4 × 6 4 × 6.5 4 × 7.5 5 × 8
WWSP-13	0.9									
WWSP-14	1.0									
WWSP-15	1.5									
WWSP-16	2									
WWSP-17	2.5									
WWSP-18	3									
WWSP-19	4									
WWSP-20	5									
WWSP-21	6									
WWSP-22	7									
WWSP-23	8									
WWSP-24	9									
WWSP-25	10									

Wedge Wire Screen Panels

Providing Effective Solid Liquid Filtration



Advantages

Choose wedge wire screen panels to provide durable, reliable support for your machinery and equipment.

- Effective filtration
- Stable filtration accuracy
- Welded and robust construction
- Suitable and customizable design
- High durability, and less maintenance
- Corrosion resistance

Applications

Wedge wire screen tubes provide accurate, consistent filtration in a variety of industrial processes and as a construction material.

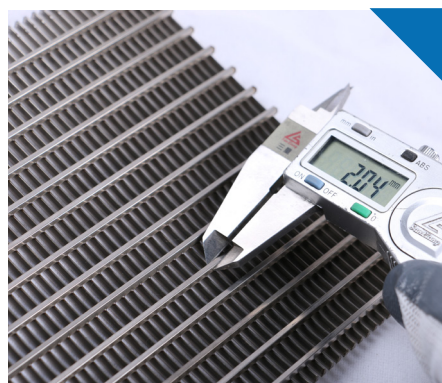
- Vibrating screen decking
- Surface water intake screens
- Fish diversion screen panels
- Grain drying screen
- Wedge wire screen for construction

Quality Control

We are committed to providing superior quality control to ensure that every product meets the highest standards. Learn about our quality control process to ensure you receive a reliable product.



Wedge wire screen tube material detection



Gauge flat bar support rod with vernier caliper



Gauge round rod with vernier caliper