

Stainless Steel Wedge Wire Screen Filter Tube

These stainless steel wedge wire screens are manufactured with v-shaped wires to prevent clogging. They have a robust structure, large open area and accurate slot dimension.



Product Overview

High-Performance Wedge Wire Filtration

This stainless steel wedge wire screen filter tube, also known as a Johnson slot screen, is engineered for robust industrial filtration and separation. Featuring a precise V-shaped wire profile, the design ensures a large open area and accurate slot dimensions, which significantly minimizes clogging and promotes uninterrupted flow. Built for durability and reliability, these screens are ideal for demanding applications including water, oil, and gas well construction, offering excellent corrosion resistance and an extended service life.

Technical Specifications

Dimensional Range

25 mm Min Diameter	800 mm Max Diameter	6 m Max Length
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End Connections

- Plain beveled ends for butt welding
- Threaded



















Material Composition

Stainless Steel 304, Stainless Steel 316, Low Carbon Steel, Galvanized Steel

Slot Size Range

0.10mm to 6.00mm

Design Details

									
Wire Width (mm)	1.2	1.5	2	2.2	3	3	3.2	4	4
Wire Height (mm)	2.2	2.5	3	4.5	5	6	6.5	7	7.5
Support Rod Shape									
Slot	0.1mm-15mm								

Note: Wires, rods and slot size can be designed according to per customer's requirements.

Detailed technical profile of the wedge wire construction, illustrating the relationship between wire width, height, and support rod configuration.

Wire Profile Specifications

Component	Width Range (mm)	Height Range (mm)
Wire	1.50 - 3.70	2.20 - 6.30
Support Rods	2.30 - 3.70	2.70 - 6.30

Key Features

Key Advantages

Anti-corrosive • Heat-resistant • Non-clogging • High open area • Easy backwashing • Reliable performance