

Continuous Slot Wedge Wire Screen

Continuous slot wedge wire screens are constructed with a wedge-shaped wire around longitudinal support rods. This design allows water or oil to enter freely while keeping sand and gravel out.



ADDITIONAL IMAGES



Overview

Continuous Slot Wedge Wire Screens

Continuous slot wedge wire screens, also known as Johnson screens, are engineered for high-efficiency filtration and separation applications. By utilizing a V-shaped profile wire wrapped around longitudinal support rods and fusion-welded at every intersection, these screens create a continuous slot opening that allows for maximum flow while effectively retaining sand and gravel. Their robust construction ensures excellent corrosion resistance and durability in demanding water, oil, and gas well environments.

Technical Specifications

Dimensional Range

6 m

Max Length

1200 mm

Max Diameter

End Connections

Plain Beveled • Flanged • Threaded

Available Materials

Galvanized Low Carbon, Stainless Steel 304, Stainless Steel 316

Slot Size Range

0.10mm to 6.00mm

Design Details

Wedge Wire Profile Specs

Dimension	Range (mm)
Width	1.50 - 3.70
Height	2.20 - 7.00

Support Rod Specs

Dimension	Range (mm)
Width	2.30 - 3.70
Height	2.70 - 6.30
Round Rod	2.50 - 6.00