

Wedge Wire Screen for Water Wells

These screens are engineered for efficient water or fluid intake while preventing sand or gravel from entering the well. The continuous slot design minimizes clogging and facilitates easy cleaning, making them a reliable choice for demanding filtration applications.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Wedge Wire Screens

These wedge wire screens are engineered for superior fluid-solid separation in water well, oil, and gas applications. Utilizing a V-shaped profile wire, the design ensures continuous slot openings that minimize clogging by allowing only two-point contact for particles. This robust construction maximizes effective flow area, reduces pressure drop, and provides exceptional resistance to corrosion and high-pressure environments.

Technical Specifications

Performance Benefits

- Higher capacity
- Reduced maintenance requirements
- Exceptional wear life
- Lower pressure drop
- High resistance to corrosion and temperature

Example Dimensions

9.625 inches

Diameter

5850 mm

Length

Key Design Features

V-shaped profile wire, Continuous slot openings, High-strength welded construction, Anti-clogging design

Materials & Compatibility

Material Composition

Stainless Steel • Carbon Steel • Corrosion-resistant Alloys

Applications

Primary Applications

- Water wells
- Oil and gas wells
- Environmental filtration
- Sand and gravel control