

Wire Wrap Sand Control Screen

This wire wrap sand screen is designed to filter oil and gas, effectively removing mechanical solid impurities as small as 50 μ m. As a popular filtration solution for wells, it ensures the purity and quality of extracted resources.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Sand Control Solution

The wire wrap sand screen is a precision-engineered filtration solution designed to effectively filter oil and gas from mechanical solid impurities as small as 50 μ m. It consists of a robust perforated base tube combined with a stainless steel Johnson wedge wire screen featuring a high-precision V-shaped profile. This design ensures structural integrity through cross-point welding and allows for optimized sand control based on specific granulometric analysis.

Technical Specifications

Minimum Filterable Particle

50 μ m

Minimum Impurity Size

Installation Technology

- Perforated base tube support
- Welded wedge wire structure
- Optional fluid inflow protection caps
- Removable caps via cutting or acid treatment

Material Composition

Stainless Steel, V-Shaped Profile Wire

Applications

Primary Applications

Oil Well Filtration • Gas Well Filtration • Mechanical Impurity Control