

WEDGE WIRE SCREEN +  
PERFORATED PIPES +  
COMPOUND SCREEN TUBE +



# SCREEN PIPES AND FILTERS FOR SAND CONTROL



# Sand Control Screens for Water, Oil & Gas Wells

## Introduction

OURUN WIRE MESH can offer screen pipes and filter elements used in the vertical wells, horizontal wells, cased hole and open hole wells for sand control, during drilling of water, crude oil and natural gas well. The following methods rely on the use of filters to control sand production:

- Wedge wrapped screen
- Gravel pack screen
- Premium Screen

## Why sand control during drilling?

The oil and gas was produced from shaly sandstone formations. However, sand production will lead to several issues, such as lost production due to the sand plugging downhole equipments, surface flow lines or separator. More serious problem is the casing damage or hole collapse which will result in loss or recompletion of a well.

## Applications

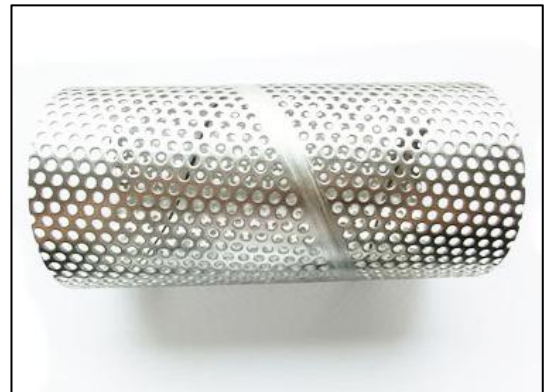
- Deepwater wells
- Deviated wells
- Cased holes
- Open hole completions
- Stand alone completions
- Gravel pack completions
- Onshore and offshore wells
- Completions in unconsolidated sands
- Fracturing completion

## Advantages

- Stable pore structures
- Improve pump efficiency
- Increase water flow
- Reduce maintenance cost
- Easy installation
- Long service life



*Wedge wire screen pipe*



*Perforated metal pipe*



*Premium Screen*

# Technical Parameters

**When ordering, please specify:**

The followings are necessary important information for a complete specification of the screen pipes:

## 1. Filter Element Type

Wedge wire screen pipes  
Perforated metal pipes  
Compound screen tubes

## 2. Material

Stainless Steel: 304, 304L, 316, 316L

## 3. Filtration Rating

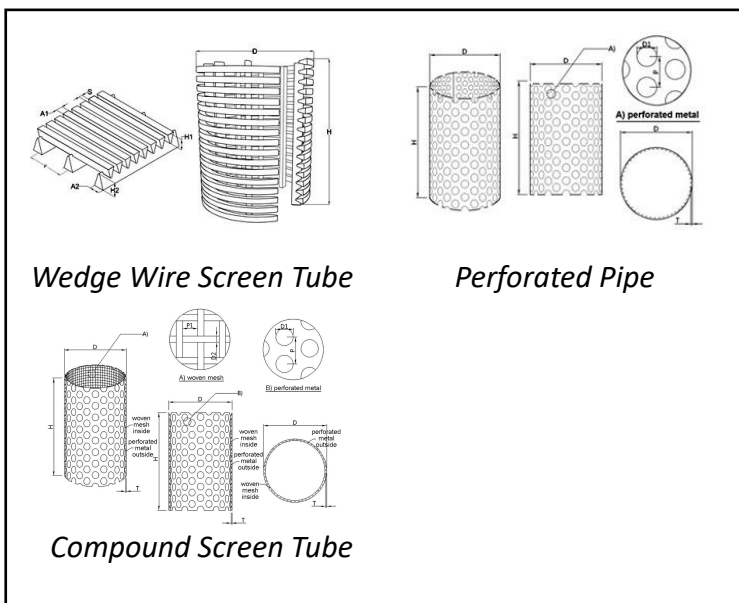
From 60 micron to 800 micron

## 4. Pipe Diameter

From 25 mm to 2100 mm

## 5. Pipe Length

Up to 12 m



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