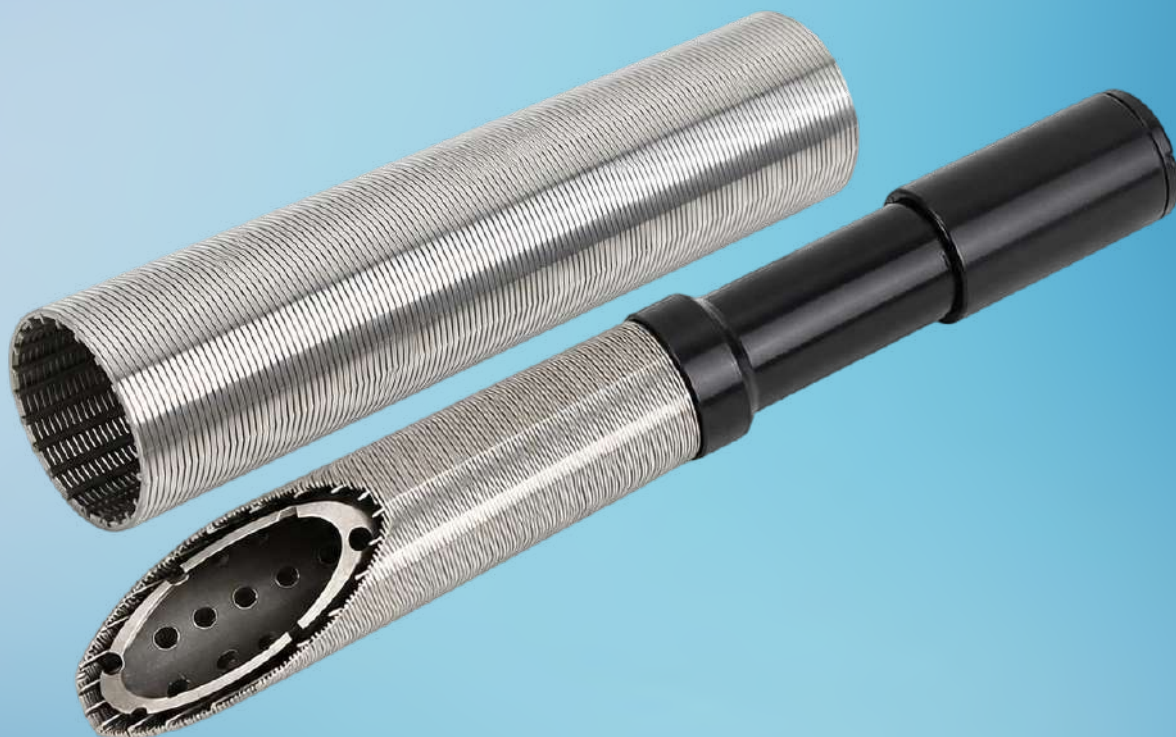




SAND CONTROL SCREENS CATALOG



Casing Centralizers, Float Shoe & Collars, Cementing Plug & Baskets etc.

Sand Control Screens

Sand control screens are designed with precisely formed slots that effectively prevent formation sand and other solid particles from entering the wellbore while allowing oil, gas, and completion fluids to flow smoothly. Depending on the application, they can be manufactured using wedge wire, slotted liners, perforated base pipes, premium filter media, or pre-packed structures.

Featuring high filtration accuracy, excellent corrosion resistance, strong anti-clogging performance, high mechanical strength, and long service life, sand control screens are widely used in oil and gas well completions.

Standard Wedge Wire Screens ▼



Manufactured from premium materials including 304, 304L, 316, 316L and Hastelloy alloys, it offers a sturdy structure, high tensile and compressive strength, corrosion resistance, and high-temperature resistance. The 75 mm diameter configuration is most prevalent in oil and natural gas drilling operations.

Features

- › Its externally wide and internally narrow geometry enhances dewatering efficiency.
- › The V-shaped profile structure prevents clogging and ensures smooth flow.
- › Available in 0.05 mm to 20 mm precision slots with tailored specifications.
- › Wear-resistant, exceptional load-bearing capacity.
- › Integral structure.
- › Wide range of materials.
- › Easy to backwash, long service life, safe and reliable, low overall costs.

Specifications

- › **Screen diameter (mm):** 29 / 38 / 42 / 57 / 63 / 75 / 89 / 108 / 150 / 168 / 320 / 600 / 900 / 985.
- › **Screen length (mm):** 1000 / 2000 / 3000
- › **Screen slot (mm):** 0.05 / 0.1 / 0.25 / 0.5 / 1.0
- › **Screen connector(mm):** welded ring connector, threaded connection, flange connector and blind seal.
- › **Note:** In addition to the above specifications, we can also manufacture wedge wire screens with a diameter ranging from 29 mm to 1000 mm and a length from 100 mm to 2500 mm upon request.

Oil Well Sand Control Screen ▼



Oil well sand control screens are filtration devices installed in oil wells to prevent sand ingress into the wellbore during production operations. These screens efficiently separate crude oil from sand and particulates within the reservoir matrix, safeguarding downhole equipment while maintaining optimal flow rates. Functioning as precision sieves, they retain formation sand while permitting hydrocarbon passage through engineered flow channels. It comes in single-layer screens and double-layer screens.

Types & Structure



Single layer oil well sand control screen



Double layer oil well sand control screen

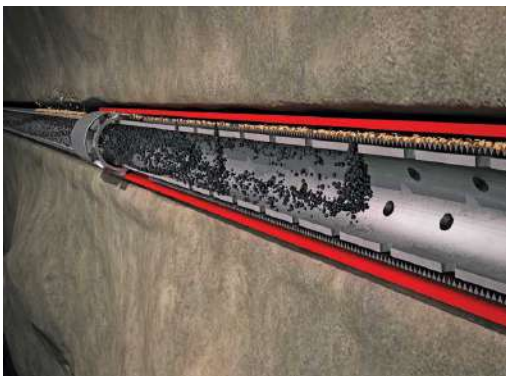
Features

- › Higher filter rating.
- › Excellent overall strength and deformation resistance.
- › Screen outer layer available in stainless steel or low-carbon steel, tailored to operational requirements.
- › Slot density 3–5 times greater than standard wedge wire screen, reducing fluid turbulence and boosting hydrocarbon production.
- › Advanced manufacturing enables high-volume production with optimized cost-efficiency while maintaining strict quality control.

Specifications

- › **Structure:** Screens are available in single-layer screens, double-layer screens, etc.
- › **Connector:** Available in flat connector, standard threaded connector, tapered thread connector and trapezoidal thread connector.
- › **Length:** up to 6000 mm
- › **Applications:** Primarily used for sand control and mud filtration in oil wells, gas wells, and water wells.

Application



Oil well sand control screens are extensively applied in sand prevention, enhanced oil recovery, equipment protection, simplified well completion. They adapt to complex well conditions, prolong the lifespan of oil/gas/water wells, and exhibit environmental protection, and economic efficiency. These components serve as vital extraction tools in petroleum and related industries.



Address:

Room 1703, No. Building,
Haiyue Mansion,
Haigang District, Qinhuangdao
city, Hebei Province, China.

Tel:

+86-17333531135

Web:

www.drinol.com

E-mail:

sales@drinol.com

CATALOG

Hebei Wennian Trading Co., Ltd