

A Top Quality With Worldwide-Standard Product of Thailand

Solution for Sand Control in Oil and Gas Exploration

By the use of slipped over API Standard perforated base pipes with V-wire wrapped stainless steel and supporting cored rods technology, we are now able to solve sand trapping problems with low cost control in oil and gas explorations and production.

Customized Exact Slot Specifications

The stainless steel V-shaped or wedge wire wrap can be customized for certain slot specifications to serve A variety needs of well applications.

Sima-Aree Engineering Co., Ltd.

Continuous V-Wire Wrapped Screens over Perforated Base Pipe



The important criterion to determine and evaluate well production is screen entrance velocity which responds to optimal sizing of well screen. The continuous slot screen has the largest percentage of open area because a continuous wire spacing is welded to vertical supporting core rods. However, the sand trapping problem which often occurs during production of oil wells have been a constant issue. With the support of perforated base pipes, substantially less sand trapped problems have been reported in oil production.

- A variety of API Standard perforated base pipes and holes as specified by customers.
- A variety of high quality stainless steel V-shaped or wedge wire electronically welded to the core wires makes the slots ideal for high-end applications.
- Solves the sand control problem, lessening the possibility of clogging in oil and gas exploration and production in addition to affording better fluid control.
- Prevent the collapsing and extend the lives of the well.

Sima-Aree Engineering Ltd., Co. has been in the groundwater business for more than 35 years. With the experience and latest technology we have, we are now able to manufacture high quality Continuous Wire-Wrap over Perforated Base Pipes to serve our customer's needs. Our base pipes are high quality API Standard. Our stainless steel wires are among the best quality in the market.

Our high quality Continuous Wire-Wrap over Perforated Base Pipes is economical, dependable and efficient.



Sima-Aree
Engineering Co., Ltd.

**Perforating and
Welding Technology**

Our high quality stainless steel is cut by computerized machines into wedge or V-shapes prior to being electronically continuous welded to the core rod to make screen pipes. Our computerized perforating machines have precision drilling system that can be programmed to customized hole sizes.

For more information on any of our products or services please visit us on the Web at: <http://www.sima-aree.com>

Lower cost and Can be delivered punctuality



Sima-Aree Engineering Co., Ltd. has provided Continuous Wedge or V-shaped Wire Wrap Screen over Perforated Base Pipes to PTTEP (PTT Exploration and Production Public Company Limited) of Thailand. The pipes were used for oil and gas production wells by PTTEP. We have received the commendations from PTTEP for our excellent work and commitment.

Features

- Multiple specifications for a variety of applications
- Variety of options for wire sizes
- Variety of perforated hole sizes
- Optional perforated base pipes for certain applications
- Optional Continuous Wedge or V-shaped Screen pipes for specific applications

Customized Specifications

Base Pipe		Perforations				Screen	
O.D. (in.)	Weight (lb/ft)	Size (in.)	Holes/Ft	Open Area (sq. in./ft.)	Area of Pipe (sq. in./ft.)	O.D. (in.)	Cylinder Area (sq. in./ft.)
4.00	9.50	3/8	56	24.74	150.80	4.630	174.54
5.00	15.00	3/8	70	30.93	188.50	5.630	212.24
6.00	24.00	3/8	84	37.11	226.19	6.591	248.46
8.00	32.00	3/8	112	49.48	301.59	8.551	322.27
10.00	54.50	3/8	140	61.85	376.99	10.787	406.68

Size of perforated holes and V-shape wire screen sizes can be customized per order.



**Sima-Aree
Engineering Co., Ltd.**

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