

9 5/8" Stainless Steel 316L V-Shaped Wire Wrap Pipe Base Screen

Pipe base screens consist of multilayer screens and a base pipe. The perforated pipe is wrapped by an exterior Johnson type screen.



Overview



High-Performance Pipe Base Screens

These pipe base screens feature a dual-layer design consisting of a perforated stainless steel base pipe wrapped in a V-shaped Johnson-type wire screen. This construction provides superior structural integrity and collapse resistance compared to standard screens, making them ideal for demanding deep-well applications. The design allows for precisely controlled open areas to regulate flow rates while maintaining exceptional filtration efficiency.

Core Specifications

Key Dimensions

9.625 in
Outer Diameter

5.8 m
Overall Length

0.025 in
Slot Opening

Base Pipe Details

Base Pipe Construction

Feature	Specification
Pipe Type	Seamless Casing as per API 5CT
Material Grade	J55
Weight	36 lb/ft
Wall Thickness	8.94 mm
Perforation	16 mm diameter holes
Minimum Open Area	16%
Connection Thread	BTC thread according to API 5B

Screen Jacket Details

Screen Jacket Configuration

Component	Dimension/Value
Profile Wire Size	2.45 mm x 2.50 mm
Support Rod Diameter	3.0 mm
Support Rod Quantity	45 pieces
Effective Screen Length	4,870 mm (+/- 20 mm)
Screen Type	V-Shaped Wire (Johnson Type)

Materials & Standards

Material

Stainless Steel 316L • API 5CT • API 5B

Key Features

Performance Advantages

- Higher collapse resistance for deep well environments
- Enhanced longitudinal load strength
- Easily controlled open area for regulated flow rates
- Dual-layer protection with perforated inner pipe
- Includes pin and box protectors for transport