Wrapped Screen

Product Coding
P5XXXXXXXX

Introduction

Wrapped screen pipes are engineered to deliver highly reliable sand control and efficient fluid production in oil and gas wells. These screens are manufactured by wrapping specially shaped stainless steel profile V-Wires around a perforated base pipe and welding them at precise contact points. The result is a strong, durable filtration system with continuous slot openings that maximize flow capacity while preventing sand and fine particles from entering the wellbore. The unique design enhances anti-clogging performance, ensures excellent mechanical stability, and maintains long service life in both cased hole and open hole applications.

Features

- Fully welded construction for exceptional mechanical strength
- High resistance to corrosion, wear, and downhole chemical conditions
- Continuous slot openings providing large flow area
- Very precise slot openings, down to 100 µm, minimizing plugging
- Wide range of wire profiles and customizable open area
- High flow rate with minimal pressure drop
- Effective sand control in cased-hole and open hole completions
- Strong internal support ensuring long service life under HP/HT conditions
- Perfect combination of high performance screen and strong internal
- Very closed on screen slot opening, down to 100 µm
- Large possibilities of proflie Wires, customizing requested open area.
- Pipe base dimension from 2" to 6" 5/8

Applications

- **Open hole and cased hole well completions:** Inflow conduit for production and injection wells
- **Sand control systems:** Structural base pipe for V-Wire screens, slotted liners, and gravel pack completions
- **Horizontal and deviated wells:** Reliable mechanical backbone for long reach and complex well profiles
- **Corrosive and high temperature reservoirs:** Suitable for HPHT and sour service environments

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