

FloDirect Range

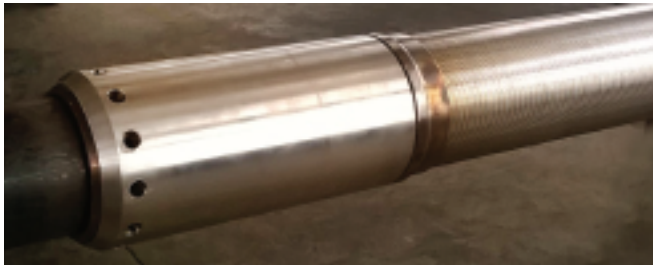
Direct Wire Wrap Sand Screen

FloDirect screens range is a robust method for sand retention and fines tolerance.

FloDirect screens can be used in stand-alone, cased hole, open hole and gravel pack completions. They are extremely damage resistant and maintain sand control under high compaction loads.

TAQA offer custom designed screens qualified to ISO 17824 to suit your well requirements. The following screen type is available for configuration:

Direct Wrap On Sand Screen



Wrapped screens are shrink fitted to the perforated base pipe, providing maximum strength to withstand high loads in shear, compaction and torque. Internal control of wire quality and specifications ensures maximum plugging resistance. The screens are manufactured in ISO 9001 accredited plants to maintain quality standards.

The FloDirect sand screen can be deployed as a stand-alone option (FloMax) or in conjunction with TAQA's passive (FloRight) or autonomous ICD nozzles (FloSure).

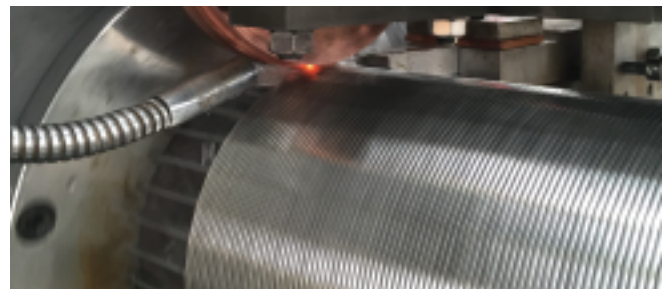


Features

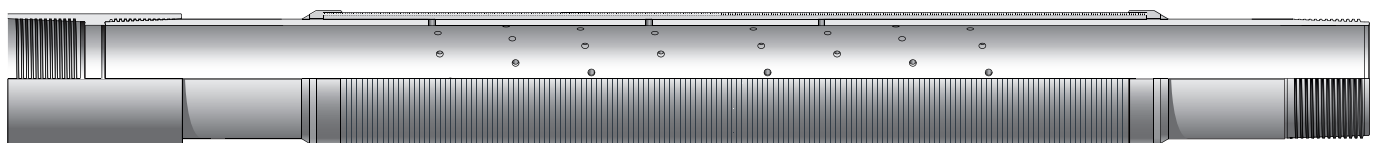
- Designed for stand-alone, cased hole, open hole and gravel pack completions
- Full range of micron ratings available which can be customised for all well requirements

Benefits

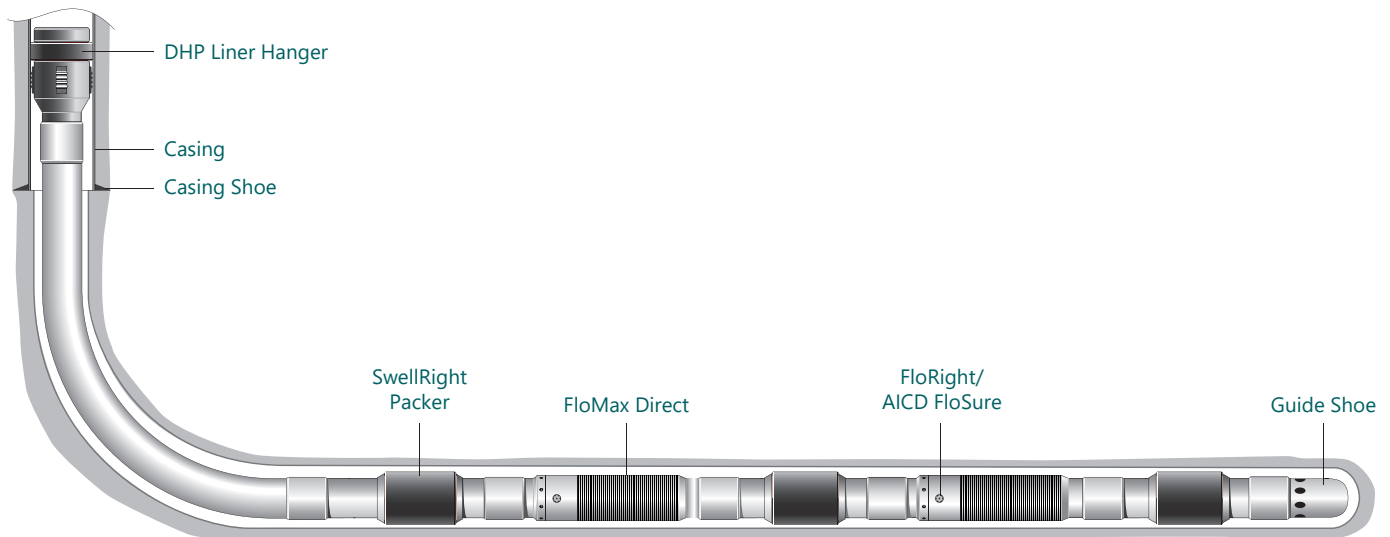
- Enhanced plugging resistance
- Suitable for production and injection
- Damage resistant maintaining sand control under high compaction loads
- Available in FloSure AICD, FloMatik and FloCheck field-proven designs for extended well life and inner string free installation



FloDirect Sand Screen



FloDirect Completion Schematic



Horizontal well schematic showing FloMax Direct Sand Screens deployed along with SwellRight Packers

Technical Specifications

Pipe Diameter	2.375"	2.875"	3.500"	4.000"	4.500"	5.500"	6.625"	7.000"	
Base pipe specification	As per customer requirements								
Tensile ^{*2} (lbs) (based on J-55 material)	57,360	79,760	94,680	113,960	147,200	198,400	252,000	292,800	
Screen Gauge	0.008" gauge - 0.024" gauge								
Material - Screen Jacket	316L or higher								
Material - End Adaptors	316L or higher								
Force	Burst (psi)	5000	5000	5000	4685	4100	3355	2785	2635
	Collapse (psi)	5000	5000	5000	5000	5000	4335	3600	3405

Direct Sand Screen Range

FloMax Direct	FloRight Direct	FloSure Direct
Standalone direct wire wrap screen	Direct wire wrap sand screen with Inflow Control Device (ICD) configuration	Direct wire wrap sand screen with Autonomous Inflow Control Device (AICD) configuration

The Direct range is available with FloSure AICD, FloMatik and FloCheck inflow control variations to regulate flow and extend well life.