

# FloRight Ultra

## Inflow Control Sand Screen

FloRight Ultra premium mesh screen with inflow control device (ICD) is designed to promote uniform production or injection from the entire length of a horizontal well.

The FloRight Ultra premium screen with inflow control device (ICD) offers the ultimate in sand retention and fines tolerance, and promotes uniform production or injection along the entire pay-zone of the well.

In conventional production wells, fluids have a tendency to cone at the heel of the well. This can lead to early water or gas break, resulting in lost recovery, lost revenues and reduced well life. Levelling out the inflow profile results in better coning control, thereby delaying the water or gas breakthrough.

Harmful fines with high annular fluid velocities increase the possibility of screen erosion. Compartmentalising the well with ICDs can mitigate this.

The FloRight Ultra sand screen can incorporate passive or autonomous ICD nozzles. They can also be used in conjunction with our FloSeal™ and SwellFix™ open hole packers to compartmentalize a section of the well for maximum sand or conformance control.

TAQA FloRight Ultra screens feature a multi-layer design for support, drainage, filtration, convergence and protection. Innovative press-fit assembly maximises burst and collapse ratings of the premium mesh layers.

All FloRight Ultra screens are designed, manufactured and fully qualified to meet ISO 17824 V1 standard.

### Features

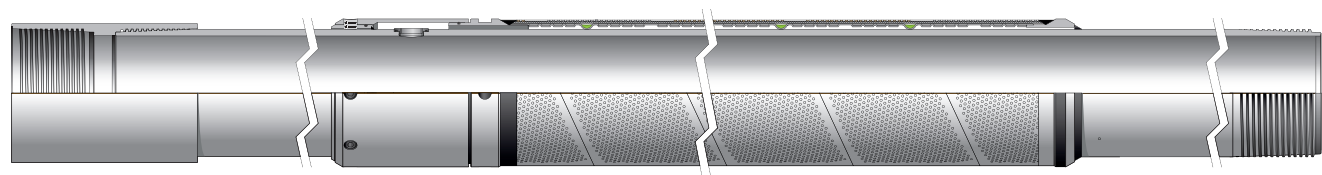
- Inner shroud for back-up sand control and flow convergence
- High capacity Dutch Twill Weave (150 and 200 micron) and Reverse Dutch Twill Weave (250 and 350 micron) for ultimate formation retention and plugging resistance
- Complete fusion through press fitting of all layers, eliminatng the need to weld

### Benefits

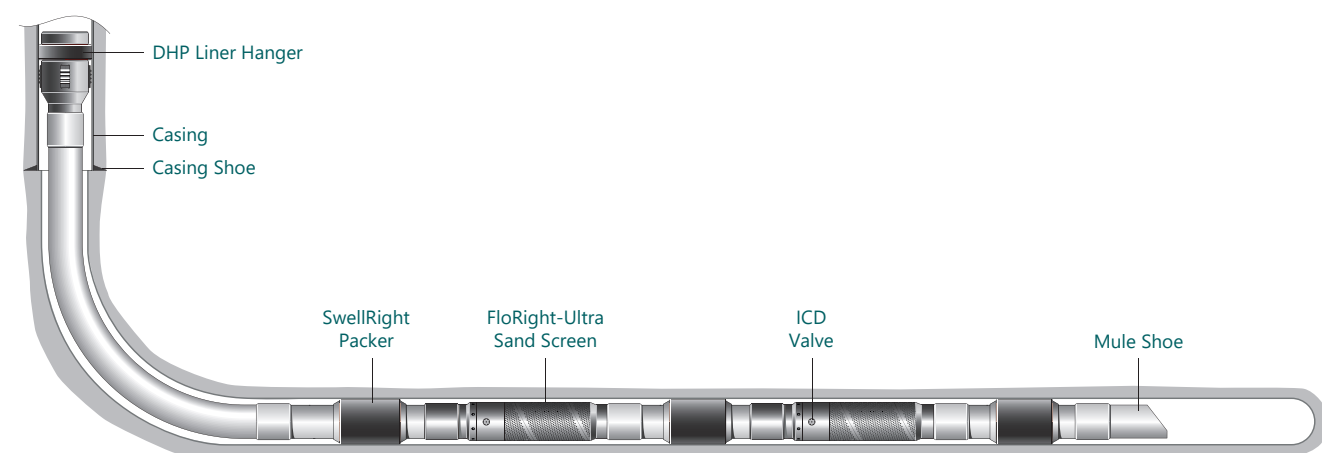
- To be supplied
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## FloRight Ultra Premium Mesh Sand Screen



## FloRight Ultra Completion Schematic



Horizontal well schematic showing FloRight Ultra Sand Screens deployed along with SwellRight Packers

Technical Specification	FloRight Ultra	
Material - Screen Jacket	316L or higher	
Material - End Adapters	316L or higher	
Material - ICD	Inconel 718 and Tungsten Carbide	
Tubing Size and Weight	2¾" and larger as per API 5CT	
Open Hole Size	Various	
Length	37ft - 39ft	
Outer Diameter	+0.937" (End adapter) +0.900" (Screen)	
Aperture	150, 200, 250 or 300 micron	
Number of Nozzles	1-4	
Nozzle Flow Rate	0-800 bbl/day	
Pressure Drop	1 - 1,500 psi	
Threads	As per customer requirements	

## Ultra Sand Screen Range

FloMax Ultra	FloRight Ultra	FloSure Ultra
Stand-alone Ultra premium mesh screen	Ultra premium mesh screen with Inflow Control Device (ICD) configuration	Ultra premium mesh screen with Autonomous Inflow Control Device (AICD) configuration

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