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.

Tendeka 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 Tendeka’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

Direct wire wrap sand screen with Autonomous Inflow Control Device (AICD) configuration

FloSure Direct

Sandalone direct wire wrap screen

FloRight Direct

Direct wire wrap sand screen with Inflow Control Device (ICD) configuration

FloSure Direct

Direct wire wrap sand screen with Autonomous Inflow Control Device (AICD) configuration

Technical Specifications

<table>
<thead>
<tr>
<th>Pipe Diameter</th>
<th>2.375&quot;</th>
<th>2.875&quot;</th>
<th>3.500&quot;</th>
<th>4.000&quot;</th>
<th>4.500&quot;</th>
<th>5.500&quot;</th>
<th>6.625&quot;</th>
<th>7.000&quot;</th>
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<tbody>
<tr>
<td>Base pipe specification</td>
<td>As per customer requirements</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Tensile (lbs) (based on J-55 material)</td>
<td>57,360</td>
<td>79,760</td>
<td>113,960</td>
<td>94,680</td>
<td>147,200</td>
<td>198,400</td>
<td>252,000</td>
<td>292,800</td>
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<tr>
<td>Screen Gauge</td>
<td>0.008&quot; gauge - 0.024&quot; gauge</td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>Material - Screen Jacket</td>
<td>316L or higher</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Material - End Adaptors</td>
<td>316L or higher</td>
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<tr>
<td>Force Burst (psi)</td>
<td>5000</td>
<td>5000</td>
<td>5000</td>
<td>4685</td>
<td>4100</td>
<td>3355</td>
<td>2785</td>
<td>2635</td>
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<tr>
<td>Force Collapse (psi)</td>
<td>5000</td>
<td>5000</td>
<td>5000</td>
<td>5000</td>
<td>5000</td>
<td>4335</td>
<td>3600</td>
<td>3405</td>
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</table>

Direct Sand Screen Range

FloDirect Completion Schematic

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