CoilFlo™ DB

Superior Completion Services' **CoilFlo™ Diffusion-Bonded (DB) Screens** are innovative sand control products that enable economical through-tubing completions to be performed with coiled tubing (CT) or wireline. DB screens offer 30 to 40% greater surface area than deep-media screens.

**CoilFlo™ DB Well Screens** incorporate DB laminated filter media comprised of either three or four layers of wire mesh selected to provide accurate particle size control while maximizing flow rate and strength. This filter media is protected by a perforated outer shroud.

**APPLICATIONS**

- Sand control
- Through-tubing completions on CT or wireline
- Vertical, deviated or horizontal wells

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**Features and Benefits**

- Extensive selection of media available for a wide range of formation sand sizes to optimize sand control effectiveness
- Fixed pore geometry enhances sand control under high operating pressures
- Enhanced screen properties include rigidity, strength and resistance to distortion, abrasion and vibration
- Mesh porosity: 55% minimum
- Non-standard screen lengths are available upon request
- Multiple-layered design incorporates filtration and drainage layers into a single rigid cartridge
## CoilFlo™ DB

### Technical Data

<table>
<thead>
<tr>
<th>Base Pipe OD</th>
<th>Base Pipe ID</th>
<th>Screen OD</th>
<th>Screen Weight</th>
<th>Coupling OD</th>
<th>Standard Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
<td>1.315</td>
<td>33.40</td>
<td>1.049</td>
<td>26.6</td>
<td>1.7</td>
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<tr>
<td>1.66</td>
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<td>1.38</td>
<td>35.1</td>
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<td>1.9</td>
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<td>1.61</td>
<td>40.9</td>
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<td>2.094</td>
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<td>1.751</td>
<td>44.5</td>
<td>2.49</td>
<td>63.3</td>
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</tbody>
</table>

Metallurgy: Mesh available in 316L or nickel alloy 20; base pipe available in a multitude of materials upon request. Nominal weave micron ratings: 75, 100, 125, 135, 150, 175, 200, 225, 250, 275.

**REFERENCES**

Wire-wrapped and premium well screens brochure