RapidForce™ Full Straddle (FS) Sleeve System

Enabling unlimited entry points to maximize stimulation of the reservoir, the RapidForce™ Full Straddle (FS) sleeve system provides operators a cost-effective completion solution to increase wellbore production. The RapidForce FS sleeve is a pressure-operated multi-stage fracturing sleeve activated with a straddle packer system run on coiled tubing or jointed pipe.

RapidForce FS sleeves are run as an integral part of the completion casing string with either cement or openhole packer isolation. The sleeve features a large ID and exit port flow area to maximize production. Additionally, since these sleeves are not activated by a ball-drop method, an unlimited number of RapidForce FS sleeves can be run in a single wellbore.

The RapidForce FS sleeve is activated by running a straddle packer bottomhole assembly (BHA) on either coiled tubing or jointed pipe. The straddle packer BHA is then positioned across the sleeve. Pressure is applied to open the target RapidForce FS sleeve. Once the sleeve is opened, the stimulation treatment can be pumped down and out a port between the packers of the straddle packer BHA. This allows for precise placement of each stimulation treatment through the target RapidForce FS sleeve.

**Benefits**
- Unlimited number of sleeves can be run in a wellbore
- Maximizes stimulation of the reservoir
- No ID restrictions
- Cost-effective design
- Helps reduce completion costs and time

**Features**
- Straddle packer BHA operated design
- Unlimited number of stages
- Can be used with variety of isolation methods
- 4 1/2-in. and 5 1/2-in. sizes available
### RapidForce™ FS Sleeve Specifications

<table>
<thead>
<tr>
<th>Casing Size (in.)</th>
<th>Tool OD (in.)</th>
<th>Nominal Tool ID (in.)</th>
<th>Minimum Openhole Size (in.)</th>
<th>Overall Tool Length</th>
<th>Maximum Temperature Rating (deg F)</th>
<th>Maximum Pressure Rating (psi)</th>
<th>Number of Stages Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2</td>
<td>5.85</td>
<td>4</td>
<td>6.125</td>
<td>39.90</td>
<td>250</td>
<td>8000</td>
<td>Unlimited</td>
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<tr>
<td>5 1/2</td>
<td>7.30</td>
<td>4.443</td>
<td>7.875</td>
<td>35.58</td>
<td>250</td>
<td>10000</td>
<td>Unlimited</td>
</tr>
</tbody>
</table>

For more information on RapidSuite™ systems including RapidForce™ FS sleeves, please contact your local Halliburton representative or email us at completions@halliburton.com.