Tool Specification

VapR Dissolvable Frac Plug

Our VapR™ dissolvable frac plug is a fully dissolvable frac plug that provides a dependable method for temporary zonal isolation during frac operations in both vertical and horizontal completions. The compact design eliminates milling and post-frac cleanout leaving no debris to remove from the well. The minimalistic design has 60-70% fewer parts than competitive products, thus leaving less material in the well to be dissolved.

Applications

- Single or multi-zone applications
- Vertical, deviated, or horizontal wellbores
- Multi-stage frac, plug-n-perf operations

Features

- Revolutionary design with minimal parts
- Unique bonded seal design
- 60-70% less material than competitive offerings
- Allows reacting fluid to contact both external and internal surfaces
- Larger ID than competitive offerings

Benefits

- Fewer parts increases reliability and performance
- Allows plug to be run faster than conventional element designs
- Less material for faster dissolution
- Consistent dissolution as the reacting fluid touches all surfaces
- Allows higher production prior to full dissolution

<table>
<thead>
<tr>
<th>Casing</th>
<th>Plug</th>
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<tbody>
<tr>
<td>Size in. (mm)</td>
<td>Weight range lbf (kg/m)</td>
</tr>
<tr>
<td>4.500 (114.30)</td>
<td>13.5 – 15.1 (20.09 – 22.47)</td>
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<tr>
<td>5.500 (139.70)</td>
<td>20.0 – 23.0 (29.76 – 34.22)</td>
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