

## UNCONVENTIONAL COMPLETIONS | FRAC SLEEVE SYSTEM

# RapidSuite<sup>®</sup> system cemented lower completion solutions

For use with VersaFlex<sup>®</sup> expandable liner hanger systems or long-string cemented installations

## FEATURES

- Up to 37 individual cemented ball drop stages in both long string and liner applications
- Ability to add multiple sleeves per target stage with RapidStage ME systems
- Optimized dual-wiper system for baffled liners
- SoluPort<sup>®</sup> sleeve protection from cement intrusion
- Field-proven technologies and best practices for cementing sleeves

## BENEFITS

- More production with a high degree of lateral compartmentalization in cemented applications
- Ball-drop completion efficiencies net less time on location and help reduce shut-in production losses
- Decreases water and chemical usage
- No intervention required with RapidBall<sup>™</sup> dissolving balls
- Cemented RapidStage ME sleeve completions can be optimized with AccessFrac<sup>®</sup> service

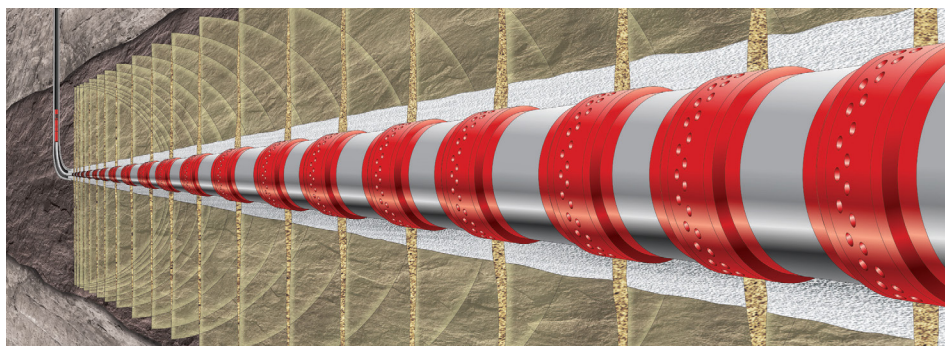
## Overview

### More cemented stages. More efficiency. Reduced risk.

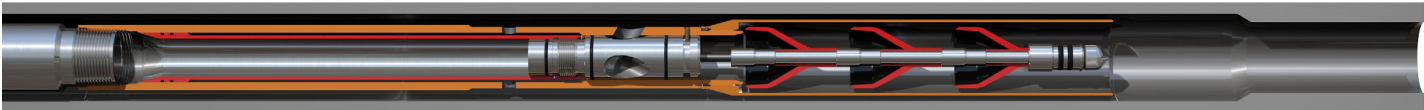
Today's stimulation designs require more lateral compartmentalization to effectively access as much formation as possible. When cement isolation is preferred, ball-drop sleeves often created limitations, especially in liner applications. Halliburton now delivers both the technology and procedures to confidently cement a large number of ball-drop fracturing sleeves.

RapidStage<sup>®</sup> 50+ ball and baffle systems provide up to 55 single entry fracturing stages in openhole completions. With the addition of the VersaFlex<sup>®</sup> liner wiper system for 4 1/2-in. liners, up to 37 baffle sizes can be reliably cemented matching the capability of long-string cemented laterals. The lateral coverage can be further compartmentalized with the addition of RapidStage<sup>®</sup> SE (single-entry) or RapidStage<sup>®</sup> ME (multi-entry) sleeve systems across all 37 cemented stages.

These new capabilities provide the operator with the additional completions options needed to choose the right solution for their specific needs. The choice between a plug-and-perforate, ball-drop, or hybrid completion method can now be based on the efficiency, effectiveness, and economical metrics rather than the completion system limitations of one approach over the other.



New dual-wiper system enables up to 37 RapidStage<sup>®</sup> sleeves to be cemented below a VersaFlex<sup>®</sup> expandable liner hanger system



Liner wiper launch system shown in the run-in-hole position below the liner hanger running tool



Drill pipe wiper landed and releasing the liner wiper dart into the displacement flow stream

VersaFlex® liner wiper system for RapidSuite® systems features a dual-wiper launching system (shown here attached to the bottom of the liner hanger running tool) for optimal wiping capability in the drill pipe and a liner that contains a high number of graduated baffles.

RapidSuite® system

| SYSTEM NAME           | SIZE (IN.) | OPENHOLE STAGES | CEMENT STAGES |                         |
|-----------------------|------------|-----------------|---------------|-------------------------|
|                       |            |                 | LONG STRING   | VERSAFLEX® LINER HANGER |
| RapidStage® SE Sleeve | 3.5        | 34              | 22            | –                       |
|                       | 4.5        | 50              | 37            | 37                      |
|                       | 5.5        | 55              | 37            | –                       |
| RapidStage® ME Sleeve | 4.5        | 50              | 21            | 21                      |
|                       | 5.5        | 55              | 21            | –                       |

The toe sleeve provides one more fracturing stage that is not shown in the table.  
For additional systems and sizes, please contact your representative.

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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