OVERVIEW
The Halliburton splice sub is a reliable and field-proven method of splicing two ends of the flatpack or tubing encased conductor (TEC). The splice sub also helps protect the flatpack by securing it to the tubing.

The splice sub assembly incorporates a single-piece robust mandrel with multiple machined grooves on outer ends for control lines or TECs. A recess in the center houses all of the splices, which are then secured by two cover plates. This arrangement allows multiple configurations of splices to be installed using a standard splice sub. The mandrel is made up directly to the tubing string allowing safe installations or retrieval.

APPLICATIONS
The splice sub connector is used in most SmartWell® completions in which flatpack or TEC is deployed, including wells with permanent monitoring, chemical injection, fiber optics, and surface-controlled subsurface safety valve (SCSSSV) control lines.

FEATURES
» Fully compatible with Halliburton standard FMJ metal-to-metal (MTM) sealing fittings
» FMJ connectors fitted to the splice sub are fully testable using a standard FMJ connector test kit
» All splice connections housed within the body of the mandrel and secured by cover plates

BENEFITS
» Splice multiple lines within a single splice sub connector, depending on size
» Freely bypass control line/TEC that does not require splicing
» Compatible with various splice configurations (splices must be ordered separately)
» Easily assembled in the field

CONNECTIONS
FMJ connectors are used to make the splice connection and are retained within the body of the clamp to protect the splices, flatpack, and control lines from damage. Using the MTM FMJ connectors, completed connections can be pressure tested to help ensure integrity.

The device also includes a provision for bypassing control lines for operation of permanent monitoring, a chemical injection valve, or SCSSSV.

The splice sub connector is available in a range of sizes to suit different tubing specifications and splice applications.
Splice Sub

<table>
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<th>Casing Size (in.)</th>
<th>Maximum Casing Weight (lb/ft)</th>
<th>Tubing Size (in.)</th>
<th>Tubing Weight (lb/ft)</th>
<th>Material</th>
<th>Maximum OD (in.)</th>
<th>Minimum ID (in.)</th>
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</table>

Note: The splice sub assembly includes mandrel, cover plates and screws. Accessories (for example, splice kits, FMJ connectors, damper O-rings, Teflon® tubes, and terminations) must be ordered separately based on specific project requirements.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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