

Fuzion®-H Hydraulic Downhole Wet-Mate Connector

ENABLES MULTI-TRIP HYDRAULICALLY-CONTROLLED COMPLETIONS

OVERVIEW

The Fuzion®-H hydraulic downhole wet-mate connector is part of the Fuzion® Suite and was developed for SmartWell® intelligent completions systems where disconnect and reconnect of the tubing string and associated hydraulic line umbilical are desired. This hydraulic connector also allows for reconnection and isolation of the tubing and hydraulic umbilical to the lower completion when the tubing is redeployed. Compact in design, the secure latching mechanism can be delivered with an enhanced cut to release design, or with the patented Halliburton Soft-Release technology, which will provide eight field configurable methods to disconnect, preventing impact and preserving the system integrity downhole.

FEATURES

- » Compact and concentric design
- » Up to six hydraulic control line channels
- » Multi-configurable release including
- » Oil and water base hydraulic fluid compatibility
- » Debris-tolerant design
- » Field-redressable
- » Field-proven and field testable control line FMJ connectors
- » Compatible for a wide range of casing applications
- » Improved seal bore design for safe stabbing procedures

BENEFITS

- » Reduce costs associated with workovers
- » Minimize risks when re-establishing hydraulic integrity
- » Prevent abrupt tubing movement when disconnecting
- » Enable operational flexibility in case of unexpected completion scenarios



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APPLICATIONS

- » Workovers
 - Allows for recovery of the upper completion without removing the intelligent completion components
 - Replaces subsurface safety valves (SSSV) or electric submersible pumps (ESP)
- » Dual-trip Completions
 - Can complete multizone extended reach (ERD) and multilateral (MLT) wells
- » Formation isolation during completion and workovers
- » Enables effective isolation of all of the control lines during Plug and Abandonment (P&A)

Fuzion®-H Hydraulic Downhole Wet-Mate Connector Specifications

End Connection in. (mm)	Tool OD in. (mm)	Tool ID in. (mm)	Pressure Rating psi (MPa)
3-1/2 (88.9)	5.88 (194.35)	2.88 (73.15)	5,000 (34.47)
4-1/2 (114.3)	8.30 (210.82)	3.75 (92.25)	7,500 (51.71)

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

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