

# Hydraulic Dry Mate Connector

Simple, robust design with extensive track record

## APPLICATIONS

- Line terminations sealing a hydraulic control line to a completion accessory such as a safety valve, chemical injection mandrels, flow control valves, etc.
- Bypass fitting on hydraulic control line or permanent downhole cable
- Tubing hanger terminations

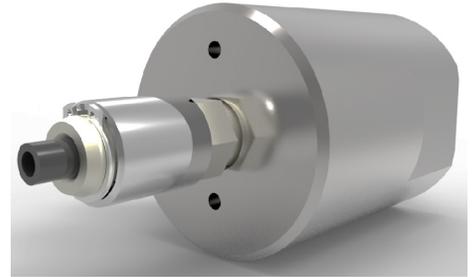
## BENEFITS

- Enables sealing directly into a tubing hanger
- Facilitates a smaller female profile due to a compact design, which minimizes footprint and reduces cost
- Enables sealing around a feedthrough on a packer or tubing hanger
- Minimizes interventions and reduces costs by providing a high level of service quality, supported by trained and certified personnel
- Enhances performance with robust microscratch resistance sealing capabilities
- Ensures reliable sealing performance across the operating envelope by qualifying the seal with each control line

## FEATURES

- High reliability of hydraulic connections, even in demanding environments
- Pressure testable either by a port in the completion accessory or via the fitting directly
- Compliance with NACE MR0175 standard materials
- Complete toolkits to perform terminations

The hydraulic dry mate connector is available in several variations to suit the application, including 1/4-in, 3/8-in, and 1/2-in splices. A short connector is pressure testable via a port in the parent housing, and a long connector is pressure testable via the fitting directly. The connector is also available staggered or tiered for compact installation configurations. Port plugs are available for temporary or permanent installation, as well as end-of-line plugs. All connectors are available with the option of an antirotation locking feature.



Long hydraulic dry mate connector installed in a test fixture.



Hydraulic dry mate connector splice.

## Hydraulic Dry Mate Connector Specifications

### Splice sizes

1/4-in splice, in [cm]	0.69 × 4.18 [1.75 × 10.6]
3/8-in splice, in [cm]	0.82 × 4.25 [2.1 × 10.8]
1/2-in splice, in [cm]	1.07 × 5.25 [2.7 × 13.3]
Pressure rating, psi [MPa]	Up to 15,000 [up to 103.4] (control line dependent)
Cable materials	INCONEL® 825, 316L
Temperature rating, degF [degC]	350.6 [177]
Corrosion resistance	NACE MR0175
Assembly time	<1 hour (configuration dependent, including pressure testing)