

LATCH SEAL ASSEMBLY



The Tier 1 Clutched Latch Seal Assembly will engage into the Tier 1 Clutched Latch Seal Receptacle to provide a static high-pressure connection to the liner top packer assembly that can be disconnected.

This non-clutched seal assembly can be used to convey tubing, a lower completion, or set a liner in place with push-pull motion only. The robust latch style anchor provides maximum tensile strength at the seal assembly which offers flexibility during installation and reliability during high pressure operations.

The half-mule shoe profile bottom of the latch seal assembly allows for ease of entry into the latch seal receptacle regardless of deviation.

To release the latch seal assembly, pick up slight tension at the tool and rotate to the right. This will disengage out of the running thread in the latch seal receptacle.

STANDARD OFFERING

- ⇒ 114.3mm (4.5") x 177.8mm (7")
- ⇒ L-80 / P-110
- ⇒ Single seal stack length
- ⇒ HNBR / NBR
- ⇒ API connections

OPTIONS

- ⇒ Premium / semi-premium connections
- ⇒ CRA materials
- ⇒ Alternative seal materials
- ⇒ Alternative seal types
- ⇒ Length for additional seal stacks
- ⇒ Other sizes available on request

FEATURES & BENEFITS

- ⇒ High tensile and compression ratings to allow maximum force transmission from tieback string to liner
- ⇒ Simple field proven ratchet latch design allowing latch seal assembly to easily connect
- ⇒ Right hand release thread for simplicity of disconnecting latch seal assembly
- ⇒ High pressure rated providing reliability in aggressive stimulation installations

APPLICATIONS

- ⇒ Multi-stage stimulation
- ⇒ Cemented / Non-cemented liners
- ⇒ Production
- ⇒ Injection
- ⇒ Vertical / Deviated / Horizontal

