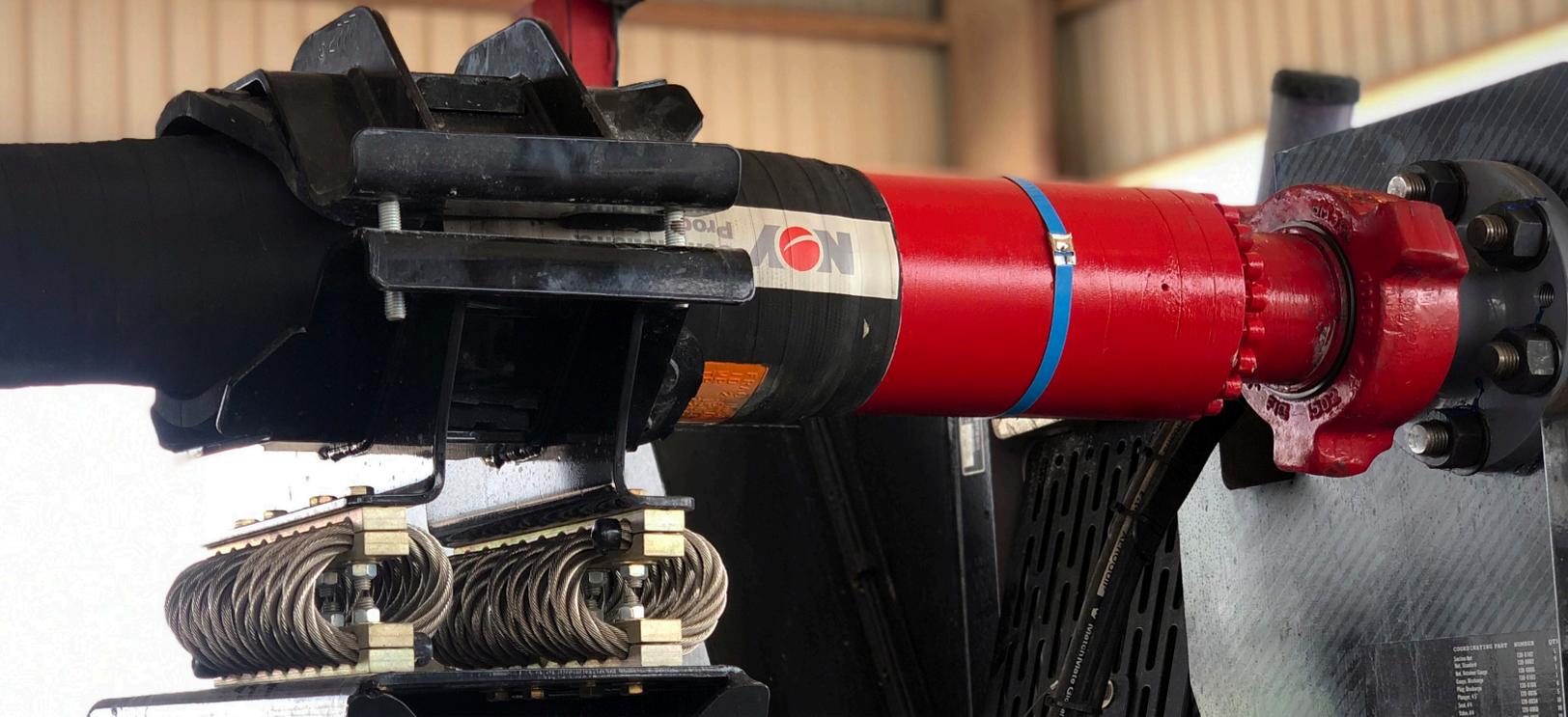


FZero Fatigue-Resistant Hose Connector



Eliminate the potential for traditional fatigue failure on high-pressure hose end connections

High-pressure hoses are becoming firmly established as the premier flowline of choice for high-pressure hydraulic fracturing operations. The reduced rig up and rig down times, minimized leak paths, and overall reduced cost of ownership make flexible hoses a more viable solution for temporary pipework in hydraulic fracturing.

End connections are traditionally the weakest point in any hose construction. In service or recertification, failure of the end connections can result in a premature write-off of the complete hose assembly.

Our FZero™ fatigue-resistant universal hose end connector eliminates the potential for traditional fatigue failure on high-pressure hose end connections. Specifically engineered for use with our FlexConnect™ high-pressure frac hose, the elimination of potential fatigue failure results in extended life of the hose body with the added flexibility of changing to multiple end connection options without changing the hose.

Features and benefits

- Easily replaceable end connections extend your high-pressure hose life
- Pre-loaded FZero end connections reduce in-service failures and NPT
- Multiple FZero end connection options provide additional flexibility to your operations
- Increased durability and flexibility options for FlexConnect high-pressure hose product range
- Extensive aftermarket services—including inspection, service, technical support—where needed

End connection options



Flange

API 6A Type 6BX integral flange adapter for makeup with studs, nuts, and metal gasket for pre-energized leak tight sealing



Hub

Metal seal hub clamp or elastomeric sealing Anson™ FlexHub™ connections provide a quick hammerless makeup option



Hammer union

Anson hammer union male/female ends with elastomeric sealing for quick and easy makeup

The universal threaded connection onto the FlexConnect hose body is pre-energized on assembly then locked in position to prevent connection back out, reducing fatigue during cyclic hydraulic fracturing operations. The pre-load and constant stress in the hose body connection mean fatigue failure is no longer a primary failure mode. This results in extended hose life, reduced in-service failures, and minimized non-productive time (NPT).

The FZero connector can be configured with multiple and replaceable end connection options for different applications fitted to the same hose body. The universal threaded coupling on the hose body allows quick change out of the end connector. Straight replacement or reconfiguring the hose has never been easier with end connection options, including flange, hammer union, or hub/clamp ends. These are all easily fitted to the same hose body with the same pre-loaded, zero fatigue capability.