

# FlexConnect HP Frac Hose



## Efficiently handle high-pressure frac operations without traditional iron

We understand the current industry's challenges with numerous leak points and long rig-up and rig-down time with traditional iron set ups. The FlexConnect™ high-pressure frac hose is a composite hose that can be readily manufactured to multiple lengths, from 2- to 7-in. ID, and pressures up to 15,000 psi to meet your individual requirements. This hose provides improved frac media resistance and enhanced flow rates which enables you to enhance your frac operation.

FlexConnect hoses reduce the connections down to two instead of the multiple connections needed with traditional iron products, and offer improved performance and an easy solution to rig up and rig down.

These hoses are provided with visual wear indication inherent in the hose construction that allows inspection to determine approximate percentage level of wear and resultant life remaining in the hose body. Manufactured for extended life, the FlexConnect saves you on replacement costs, recertification, and tracking.

### Inspection and recertification

We have standardized the use of three wear indicator threads on every FlexConnect hose which provide a visual wear indication—green at 25%, orange at 50%, and red at 75% liner thickness. Inspection of the hose condition is completed using a borescope and can be facilitated by NOV's team, or we also provide training to allow end user self-certification.

For more information or aftermarket support, contact your sales representative or [anson@nov.com](mailto:anson@nov.com).

### Features and benefits

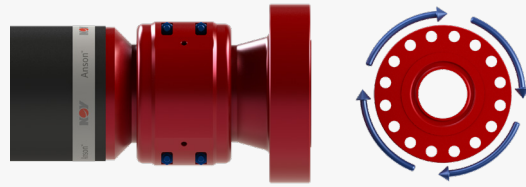
- Actively dissipates fluid energy inherently reducing vibration and system stress
- Protective outer coating provides long-lasting life of high-pressure hosing
- Eliminate costly iron replacements and recertification with specifically designed ID to withstand harsh frac environments
- Reduce rig-up and rig-down time with quick and safe Anson™ hammer unions, hubbed, or flanged connections
- Reduced number of connection points eliminating the need for multiple iron configurations
- Higher flow rates versus conventional iron
- Available with integral end fittings captive within the hose body construction and end-of-life wear indication
- In-line swivel available for end connections to prevent torque transfer on makeup
- Compact and easily transportable design

## End connection options



### Anson hammer union

Industry-adopted union ideal for rapid rig-up/ rig-down applications



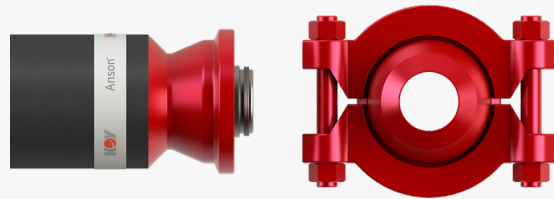
### Flanged hose with FracMaxx™ articulating swivel (5-in. ID and above)

Allows end connection to be rotated, avoiding flange bolt hole misalignment issues



### API 6A flange ends

Robust design for applications which do not require regular connect/disconnect



### NOV FlexHub with Clamp

Elastomeric sealing arrangement specifically designed for frac applications, coupled with a conventional heavy-duty clamp connection



### Flanged hose with Anson hammer union saver-sub

Allows for quick switch outs of the low-cost saver-sub should the hammer union get damaged

## Specifications

Bore size (in.)	Min. bend radius (ft)	Weight lb/ft	Volume (bbl/min)	Max. working pressure (psi)	Connections
1.75 (2.00-in. 1502)	3.000	18	9.0	15,000	2-in. 1502 hammer union ended (1¾-in. bore)
2.00	3.000	18	12.0	15,000	2½/16-in. API 15K flange ended
2.50*	3.250	22	18.2	15,000	3-in. 1502 hammer union ended (2½-in. bore)
2.75 (3.00-in. 1502)	3.583	34	22.0	15,000	3-in. 1502 hammer union ended (2¾-in. bore)
3.00	3.583	34	26.2	15,000	3½/16-in. API 15K flange ended
3.50 (4.00-in. 1502)	4.333	59	35.7	15,000	4-in. 1502 hammer union ended (3½-in. bore)
4.00	4.333	59	46.6	15,000	4½/16-in. API 15K flange ended
5.00	5.250	72	84.0	15,000	5½-in. API 15K flange ended
6.00	5.500	81	120.0	15,000	7½/16-in. API 15K flange ended
7.00	5.917	92	142.9	15,000	7½/16-in. API 15K flange ended

\*2.50-in. ID FlexConnect is specifically designed for the ideal flow rate in frac pump to manifold trailer applications.