



Smarter Design, Expanded Solutions

Fiberspar Spoolable LinePipe LPS

FGS has once again taken the lead in developing the most versatile Spoolable Line Pipe offering available: FIBERSPAR Spoolable LinePipe LPS



Features:

- **First to meet all major industry standards: API 15HR, API RP 15S, CSA Z662 and others.**
- **Expanded pressure ratings to 3,500 psi**
- **Introducing new Fiberspar XT for applications up to 203° F (95°C)**
- **Designed to meet your specific flow rate demands, saving you money on each project**

LinePipe

Understanding and targeting your needs motivated NOV Fiber Glass Systems Engineers to develop these industry leading products. As a result, we have developed a new line of spoolable composite products which greatly expands application capabilities based on temperature, pressure and flow rate.

Here is what has improved with Fiberspar Spoolable LinePipe LPS:

- **Compliance:** Our products are designed with Service Factors for Water, Oil and Gas in full compliance with API RP 15S, API 15HR and CSA Z662. Fiberspar is the first spoolable offering to comply with all three standards.
- **Temperature:** Our new XT product line offers you the highest temperature rating available in the spoolable line pipe market, up to 203°F (95°C)
- **Pressure:** You can now grow your use of spoolable line pipe with our expanded pressure ratings up to 3,500 psi.
- **Flow Rate:** We offer you the largest selection of size and flow rate capabilities of any spoolable line available, allowing precise, straightforward selection of the needed product, avoiding unnecessary extra cost for over-designed or the dangers of under-designed piping systems.
- **Product Internal Diameter (ID):** We are consolidating all inside diameters for a given size to the same dimension, regardless of pressure ratings.

Connectors

Along with the noted changes to the ratings and the nominal diameters, selection of connectors is now easier. With the ID the same for all pressure ratings of a given size, you will not need to change reaming blades when preparing pipe of different ratings.

Flanged Connectors will continue to be available to meet the required ANSI class applicable for the pressure rating of the fluid being conveyed.

Additional Benefits

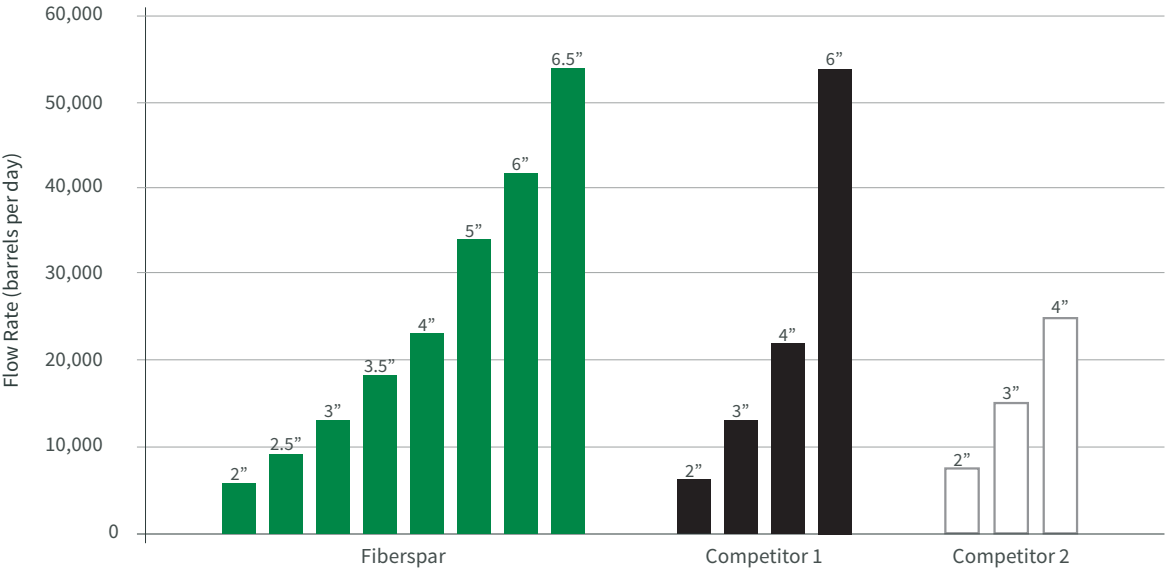
Supplementing the advantages noted, System Designers can now choose products which are closely matched with their needs, conforming to service factors and considerations for future expansion.

For lower rated pressure products, the designer now has the advantage of having a wider selection covering service pressures more precisely, from 300 psi to 1100 psi

Our new Fiberspar Spoolable Line Pipe LPS products have maintained the ½” increment in the lower sizes allowing similar precision in product choice, with room for future growth without a big step in diameter.

Reel Capacity: In many products, we were able to add reel capacity resulting in fewer connectors and faster installation.

Size and Flow Rate Capabilities
More Choices More Design Flexibility



	Nominal Diameter							
LPS Series	2.0"	2.5"	3.0"	3.5"	4.0"	5.0"	6.0"	6.5"
	1.89" ID	2.37" ID	2.82" ID	3.33" ID	3.75" ID	4.52" ID	5.0" ID	5.6" ID
500 series								
750 Series								
1,100 Series								
1,500 Series								
2,250 Series								
2,750 Series								
3,500 Series								

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Downhole Solutions

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