

# Fiberspar LinePipe™

Designed for plowing and other innovative, cost effective installation methods



Plowing can be a fast and low-cost installation method for Fiberspar LinePipe. Using a high-capacity plow to install Fiberspar LinePipe can be an innovative and cost-effective option.

With plowing, multiple lines can be installed in a single pass, and continuous lengths of just under 2 miles (3.2 km) have been installed successfully. Plowing also allows for installation as deep as 8.2 ft (2.5 m) and in rights-of-way that are narrower and less costly than those required for conventional open-ditch installations.

## Advantages of Best Practices

NOV Fiber Glass Systems also offers best practices to help ensure you get the most from your next plow-in installation. Here are just a few:

- A variety of oilfield plows can be successfully employed, but ground conditions, equipment selection, and proper setup and operation must be considered before achieving a trouble-free installation.
- As LinePipe travels over the top of the plow and into the chute, it should be properly supported, and any changes in plow depth should be monitored and controlled carefully.
- No other flowline choice matches Fiberspar LinePipe for speed, safety or overall cost savings when it comes to plow-in installation. And with our vast experience and proven plow-in installation performance, we can help you avoid pitfalls, install with confidence and minimize time and expense.

## Fiberspar LinePipe benefits compared to pipeline alternatives

- Fast and low-cost installation—less than half the time, with fewer people
- Eliminates corrosion and need for cathodic protection, wraps, coatings or internal chemical treatments
- Uninterrupted lengths up to 2 miles (3.2 km) without joints or connectors, ready built and ready for installation
- Improved flow characteristics compared to steel
- Light weight for safer field installation

With greater than 80 million ft (24.4 million m) in service, LinePipe is the industry's preferred choice for reliable composite, spoolable pipe.

Go to [www.nov.com/fgs](http://www.nov.com/fgs) and download our latest Engineering or Installation guides to learn more about the technical advantages LinePipe offers.

Fiberspar™ spoolable composite pipe and fittings are covered by one or more of the following U.S. Patents: 6,016,845, 5,921,285, 6,148,866, 6,286,558, 6,357,485, 6,604,550, 6,857,452, 7,285,333, 6,004,639, 6,361,299, 6,706,348, 5,988,702 and one or more of the following Canadian Patents: 2,233,295, 2,282,358, 2,321,536, 2,409,304, 2,305,148, 2,233,345. Additional U.S. and Canadian patents are pending.

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