

# FIBERSPAR TECH NOTES

Product, service and cost savings information from the leader in spoolable pipeline systems

## Fiberspar installation equipment easily matches to your unique pipeline remediation project.

*The right equipment for cost-effective pipe rehab is readily available.*



Spoolable composite LinePipe™ is an extremely cost-effective way to remediate old or damaged pipelines with minimal excavation or surface disturbance. To facilitate your remediation projects, we offer a full breadth of installation equipment, capable of meeting any installation challenge.

Our equipment fleet supports patented push/pull injector installation, wireline installation (pull technology), and configurations that combine push and pull technology. Readily available and easily transported, our installation equipment is efficiently operated by among the most experienced and skilled personnel in the industry.

### Injector installation with unique push/pull action

Ideal for shorter installations, or installations with significant up and down changes in elevation, our exclusive, pipe-friendly push/pull injector method uses a specialized, easy-to-operate injection device that avoids the need to pressurize the damaged line.

- Equipment, needed at only one end, simplifies access
- Sophisticated, safe, yet simple to operate

### Pusher units

4-Wheeled Pusher	12-Wheeled Pusher
Maximum 3.5" pipe	Suitable for 3" to 6.5" pipe
Small and portable	Most powerful unit available
Requires an additional hydraulic power pack to operate	Requires an additional hydraulic power pack to operate

*Fiberspar has completed more than 1,100 miles (1,770 km) of pipeline remediation to date, more than any other company.*



4-wheeled pusher



12-wheeled pusher

*We operate the only pushing units in the industry designed specifically to safely install composite pipe.*

*All Fiberspar installation technology must be operated by properly trained technicians. Find out more about our training programs and installation support services at [fiberspar.com](http://fiberspar.com).*

## Wireline installation

The most proven and reliable method for pipeline remediation, wireline, or pull technology, is normally used for longer, more challenging installations. An environmentally friendly solution, this technology can have your failed steel lines rehabbed with non-corrosive, maintenance-free LinePipe and operating within a few days.

## Wireline units

Wireline Trucks	Wireline Trailer
Suitable for 1.25" to 6.5" pipe	Suitable for 1.25" to 6.5" pipe
Most powerful units	Small and portable unit

Built-in load cells give tensile loads

With installation technologies and expertise to address virtually any remediation challenge, Fiberspar is truly the preferred provider for pipeline rehabilitation. To learn more about our money-saving pipe remediation solutions or how LinePipe can lower the cost of your new flowline installation, go to [www.fiberspar.com](http://www.fiberspar.com).



Wireline truck



Wireline truck



Wireline trailer



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API Q1, ISO 9001:2008, ISO/TS 29001 Registered

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.