

# FIBERSPAR



TS&M Supply is now the exclusive Canadian distributor of NOV FGS' Fiberspar Spoolable products. Since 1973, TS&M has been providing customers with corrosion free piping solutions with our Centron and Bondstrand fiberglass products. The addition of the Fiberspar product line gives us the ability to expand our corrosion-free solutions offering.

TS&M has strategically placed service centers with knowledgeable, highly trained technical experts giving us the opportunity to supply our customers with the best value offering in the market. TS&M will continue to provide the most comprehensive services and industry leading support for pipeline, facility piping and tubing/casing markets.



## APPLICATIONS

- Flow / Emulsion Lines
- Injection / Disposal Lines
- Group Lines
- Gas gathering and transport lines
- Polymer Injection / Flow lines
- De-Watering lines
- Natural Gas Production
- High Pressure CO<sub>2</sub> and Salt Water Injection
- Crude Oil, Salt Water, H<sub>2</sub>S
- Light Chemicals:
  - Salts
  - Solvents
  - pH 2-13 Solutions



## INSTALLATION METHODS

- Conventional open trench
- Rehabilitation
- Boring capabilities

*\*\*Contractor training and certifications available upon request*

## BENEFITS

### Corrosion Control

- Resists corrosion caused by CO<sub>2</sub>, H<sub>2</sub>S and saltwater. Requires no protective coating.

### Reduced Line Pipe Installation Cost

- Light and easy to handle. Less personnel and equipment needed during installation.

### Improved Flow Capacity

- Smoother interior pipe surface increases efficiency and resists scale/paraffin build-up.

## TECHNICAL FEATURES

- Fiberspar is a patented spoolable LinePipe system available in up to 6" NPS and rated up to 3500 psi and 95 °C
- Fiberspar is compliant with all applicable design standards and specifications worldwide (API 15S, CSA Z662, AS 2885, Shell DEP, etc.) and is API monogrammed
- Embedded in an epoxy resin matrix, premium E-glass fibers are protected from both mechanical and chemical degradation during handling, installation and operation of Fiberspar LinePipe
- Thermoplastic liner is chemically bonded to structural glass/resin layer improving liner collapse resistance
- Thermoplastic liner offers superior internal corrosion resistance eliminating need for costly in-line inspections (ILI) as well as corrosion inhibition chemical programs
- Robustly engineered continuous, longer reel Fiberspar LinePipe systems significantly reduce overall installed and operating costs, especially in remote locations
- Fiberspar compression slip connectors are fast to install and are re-usable