FLEXPIPE®



Flexpipe 150

Spoolable Pipe Designed to withstand High Pressure and Corrosion

Constructed from a winning combination of high-density polyethylene, helically-wound epoxy-free dry fiberglass and a protective outer jacket, Flexpipe products are safer to install thanks to smaller crew sizes and less heavy equipment requirements compared to steel counterpart.

60°C
(140°F)
Maximum Continuous Operating Temperature

300 psi
(ANSI 150)
Maximum Operating Pressure

Applications:
Oil, gas, water, H_2S (up to 100,000 ppm)and CO_2 (up to 100%)

Length Per Reel:
750 - 760 meters (2,460 - 2,495 feet)

Installation:
Trenching, plowing, chain ditching, surface lines, horizontal directional drilling (HDD), liner pulls (remediation)

Quick Installation & Lower Total Life Cycle Costs

- Approximately a 50% reduction in installation crew size and up to 35% installation cost savings compared to a steel pipeline
- Impact-resistant design eliminates the need for sand packing
- 20-year UV life protects pipe while in service or storage

Expanded Operating Envelope

- Lower operating costs due to corrosion-resistant design
- Maximum operating temperature of 60°C (140°F) Suitable for sour service applications
- Suitable for sour service applications up to 100,000 ppm H_2S compared to other composites which are limited to sweet service applications due to steel plate reinforcement design

Product Reliability & Safety

- Flexpipe and Flexpipe HT product lines feature the API Monogram showcasing our commitment to high-quality products and performance and the oil and gas industry
- Built to exceed the industry requirements of ASTM and CSA standards
- Connections are made with robust leak-free fittings, available in two corrosion-resistant material options
- Abrasion-resistant, low friction and have higher flow rates compared to steel alternatives

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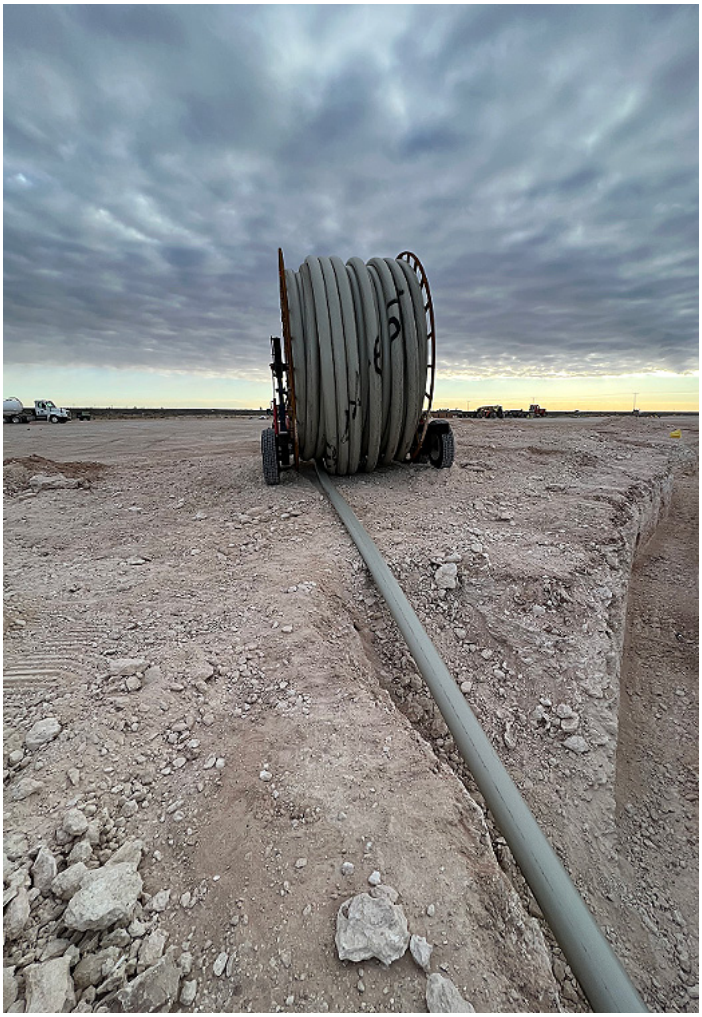
The Flexpipe Difference

- In-house engineers dedicated to ensuring Flexpipe is suitable for your application to maximize service life
- Project planning, technical and field services support to ensure on-time delivery and world-class installation
- Contractor installation training allows customers better control over project timing, costs and completion



		FP150	
		3”	4”
Pressure	psi kPa	300 2,068	
Temperature	°C °F	60 140	
Outside Diameter	mm in	95 3.75	122 4.80
Inside Diameter	mm in	77 3.02	99 3.90
Pipe Weight	kg/m lb/ft	2.6 1.7	4.0 7.2
Weight - Full of Water	kg/m lb/ft	7.3 4.9	11.7 7.8
Operational MBR	m ft	1.8 6	2.1 7
Length/reel*	m ft	760 2,495	750 2,460
Reel Diameter	m ft	3.7 12	
Reel Width	m ft	1.2 4	2.4 8
Reel Weight - Full	kg lbs	2,660 5,850	4,150 9,150
Reel Weight - Empty	kg lbs	680 1,500	1,150 2,530
Fitting OD**	mm in	110.7 4.36	139.7 5.50
Fitting ID**	mm in	63.5 2.50	85.9 3.38



*Lengths and reel weights are approximate as they may vary depending on the manufacturing run.

**Fitting dimensions do not include O.D. of flange provided for flanged end fittings. Fitting O.D. and I.D apply to flanged end, weld-neck and pipe-to-pipe coupling fittings.

Product data is subject to change without notice. Flexpipe's products are patented by US Patents 6,889,716, 6,902,205, 7,946,629 B2 and 8,042,252 B2 by Canada Patents 2,513,506, 2,513,468 and 2,562,823 and by European Patent 1592908.

Mattr Ltd. is a global energy services company specializing in products and services for the pipeline and pipe services segment of the oil and gas industry and related products for petrochemical and industrial markets. The Company operates through a network of fixed and mobile manufacturing and service facilities located around the world and is valued for its integrity, technology, and proven capability to execute the most complex projects in our industry.

flexpipesystems.com

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