

Flexpipe & Flexpipe HT

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 -
82°C**

(140°F - 180°F)

Maximum Continuous
Operating Temperature

1,500 psi

(ANSI 600)

Maximum Operating
Pressure

Applications:

Oil, gas, water, H₂S,
and CO₂ (up to 100%)

Pipe Sizes:

2, 3, 4, 5 and 6"

Length Per Reel:

340 - 2,600 meters
(1,115 - 8,528 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) or 82°C (180°F)
- Suitable for sour service applications
- Compatible with up to 50% aromatic and cycloalkane hydrocarbons
- HDPE liner provides excellent chemical resistance

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

FLEXPIPE & FLEXPIPE HT

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



		FP301 / FP301 HT					FP601 / FP601 HT				
		2"	3"	4"	5"	6"	2"	3"	4"	5"	6"
Pressure	psi kPa	750 5,171					1,500 10,342				
Temperature	°C °F	60 or 82 140 or 180					60 or 82 140 or 180				
Outside Diameter	mm in	69 2.7	97 3.8	124 4.9	157 6.2	179 7.1	73 2.9	101 4.0	130 5.1	165 6.5	191 7.5
Inside Diameter	mm in	54 2.1	77 3.0	99 3.9	125 4.9	142 5.6	54 2.1	77 3.0	99 3.9	125 4.9	142 5.6
Pipe Weight	kg/m lb/ft	1.7 1.1	3.0 2.0	4.9 3.3	8.3 5.6	10.8 7	2.4 1.6	4.3 2.9	6.9 4.6	11.8 7.9	15.6 10.5
Weight - Full of Water	kg/m lb/ft	4.0 2.7	7.6 5.1	12.6 8.4	20.5 13.8	26.6 17.8	4.7 3.1	9.0 6.0	14.6 9.8	24.0 16.1	31.4 21.1
Operational MBR	m ft	1.2 4	1.8 6	2.1 7	3 10	3.4 11	1.2 4	1.8 6	2.1 7	3 10	3.4 11
Length per reel*	m ft	1,100 3,610	760 2,495	735 2,410	365 1,198	350 1,150	1,100 3,610	700 2,300	570 1,870	340 1,115	350 1,150
Reel Diameter	m ft	3.7 12				4.3 14	3.7 12				4.3 14
Reel Width	m ft	1.2 4		2.4 8		2.4 8	1.2 4		2.4 8		2.4 8
Reel Weight - Full	kg lbs	2,520 5,550	2,945 6,490	4,735 10,435	4,170 9,190	5,590 12,323	3,355 7,405	3,710 8,180	5,085 11,200	4,985 10,980	6,920 15,255
Reel Weight - Empty	kg lbs	680 1,500		1,150 2,530		1,497 3,300	680 1,500		1,150 2,530		1,500 3,300
Fitting OD**	mm in	82 3.2	111 4.4	140 5.5	178 7.0	203 8	85 3.4	116 4.6	144 5.7	186 7.3	213 8.4
Fitting ID**	mm in	45 1.8	64 2.5	86 3.4	108 4.2	124 4.9	45 1.8	64 2.5	86 3.4	108 4.2	124 4.9

*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. Additional patents are pending. Flexpipe products comply with API 15S 3rd, CSA Z662 and ASTM D2992.

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.