



FLEXPIPE™ LINEPIPE

Manufactured and tested to the highest standards, **FlexPipe Linepipe (FPLP)** is a spooled, ready-made pipeline system designed to withstand high pressure and corrosion in oil, gas, remediation and utilities applications. No de-rating required for oil and gas applications.

APPLICATIONS ENGINEERING AND INSTALLATION SUPPORT

With in-house applications engineers assigned to each project, we provide thorough reviews of each job and educated recommendations to ensure the best product fit. Local sales and service support means you will get your pipe when you need it. Industry leading contractor installation training allows customers better control over project timing, costs and completion times.

UP TO 35% INSTALLATION COST SAVINGS OVER STEEL

Smaller crew sizes, less heavy equipment, lower environmental impact, no need for welding, X-ray inspection, jacking or corrosion inhibitors to bring wells to production faster. Fewer connections result in substantial cost savings over traditional steel pipelines. Reduce your capital expenditures, operational costs and monetize production quickly with lightning fast installation times.

MOST RELIABLE CONNECTION SYSTEM

Shawcor's patented crimped connections use hydraulic regulation of crimping pressure rather than manual torque application with large wrenches, which other composite linepipe products chose to use. Crimper dies move independently to allow for variations in pipe wall thickness which consistently creates a robust leak-free connection.

60° C

(140° F)

**MAXIMUM CONTINUOUS
OPERATING TEMPERATURE**

1,500 psi

(ANSI 600)

**MAXIMUM OPERATING
PRESSURE**

APPLICATIONS:

Oil, gas, water, H₂S (up to 100,000 ppm) and CO₂ (up to 100%)

ID SIZES:

2, 3 and 4 inch

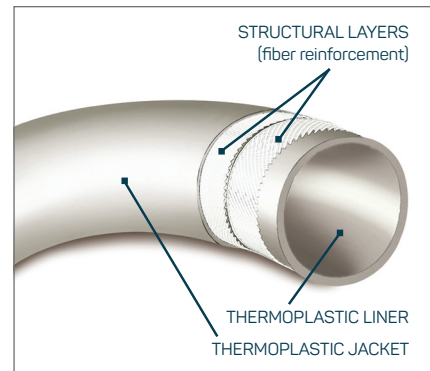
LENGTH PER REEL:

570–1,100 meters (1,870–3,610 feet)

INSTALLATION:

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

Constructed from a winning combination of high-density polyethylene, helically wound epoxy-free dry fiberglass and a protective outer jacket, FlexPipe Linepipe is safe to install thanks to smaller crew sizes and less heavy equipment requirements.



		FP150		FP301			FP601		
MAXIMUM OPERATING PRESSURE @ 60°C OR 140°F		2,068 KPA / 300 PSI		5,171 KPA / 750 PSI			10,342 KPA / 1,500 PSI		
Nominal Size		3"	4"	2"	3"	4"	2"	3"	4"
Outside Diameter	Metric (mm)	95	122	69	97	124	73	101	130
	Imperial (inches)	3.75	4.80	2.73	3.80	4.89	2.86	3.96	5.11
Inside Diameter	Metric (mm)	77	99	54	77	99	54	77	99
	Imperial (inches)	3.02	3.90	2.12	3.02	3.90	2.12	3.02	3.90
Weight	Metric (kg/m)	2.6	4.0	1.7	3.0	4.9	2.4	4.3	6.9
	Imperial (lbs/ft)	1.7	2.7	1.1	2.0	3.3	1.6	2.9	4.6
Min. Bend Radius (Operational)	Metric (m)	1.8	2.1	1.2	1.8	2.1	1.2	1.8	2.1
	Imperial (ft)	6	7	4	6	7	4	6	7
Length / Reel*	Metric (m)	760	750	1,100	760	735	1,100	700	570
	Imperial (ft)	2,495	2,460	3,610	2,495	2,410	3,610	2,300	1,870
Reel Diameter	Metric (m)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	Imperial (ft)	12	12	12	12	12	12	12	12
Reel Width	Metric (m)	1.2	2.4	1.2	1.2	2.4	1.2	1.2	2.4
	Imperial (ft)	4	8	4	4	8	4	4	8
Reel Weight – Full	Metric (kg)	2,660	4,150	2,550	2,960	4,750	3,320	3,690	5,090
	Imperial (lbs)	5,855	9,150	5,620	6,530	10,475	7,320	11,210	11,210
Reel Weight – Empty	Metric (kg)	680	1,150	680	680	1,150	680	680	1,150
	Imperial (lbs)	1,500	2,530	1,500	1,500	2,530	1,500	1,500	2,530
Fitting Outside Diameter**	Metric (mm)	110.7	139.7	81.5	110.7	139.7	85.1	115.6	144.3
	Imperial (inches)	4.36	5.50	3.21	4.36	5.50	3.35	4.55	5.68
Fitting Inside Diameter**	Metric (mm)	63.5	85.9	44.5	63.5	85.9	44.5	63.5	85.9
	Imperial (inches)	2.50	3.38	1.75	2.50	3.38	1.75	2.50	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. Shawcor'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. Shawcor products comply with API RP 15S, API 17J, CSA Z662-15, ASTM F2686 and ASTM D2992. ©Shawcor Ltd., 2015

Shawcor 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.