



LINE PIPE PRODUCT DATA

Description:

F.A.C.T. pipe is a fiberglass reinforced composite product manufactured from a new and unique blend of anhydride cured epoxy resin to optimize both physical and thermal properties.

F.A.C.T. High Pressure line pipe comes in 30 foot (9.14 Meter) lengths with EUE 8RD long form integral joint end connections.

F.A.C.T. High Pressure line pipe fittings are filament wound EUE 8RD threads and ANSI rated at temperatures up to 200°F (93.3°C).

F.A.C.T. Low Pressure line pipe comes in 29.8 foot (9.08 Meter) lengths with bell and spigot end connections.

F.A.C.T. Low pressure pipe and fittings are filament wound and are bell and spigot connections rated at temperatures up to 200°F (93.3°C)

Benefits:

Corrosion Control
Improved Flow Efficiency
Reduced Paraffin & Scale Build-up

Reduced Installation Cost
Reduced Maintenance Cost

Applications:

Flow and Injection Lines
Transfer and Disposal Lines
Oil, Gas, Saltwater, CO₂, and H₂S

Tank Battery Hook-ups

Pipe Dimensions and Performance for 500 PSI Pressure Ratings¹ (BELL AND SPIGOT)

SIZE	PRESSURE RATING		NOMINAL I.D.		NOMINAL O.D.		NOMINAL WALL		ULTIMATE BURST		COLLAPSE RATING		WEIGHT		MIN. BEND RADIUS		FILL CAPACITY
	Psig	Bar	In	mm	In	mm	In	mm	Psig	Bar	Psig	Bar	Lb./ft.	Kg/m	Ft	M	Bbl./1000 ft.
2"	500	34.5	2.00	51	2.220	57	.110	2.8	1500	.379	500	34.5	.75	1.10	85	25.9	3.9
3"	500	34.5	3.00	76	3.280	84	.140	3.6	1500	.234	500	34.5	1.65	2.50	127	38.7	8.7
4"	500	34.5	4.00	101	4.330	110	.165	4.2	1500	.145	300	20.6	2.40	3.60	169	51.5	15.5
6"	500	34.5	5.90	149	6.280	160	.190	4.8	1500	.097	150	10.3	3.60	5.40	247	75.3	34.2

¹ Includes calculated data; all tests are across the bonded joint. Rated pressures are static any fluctuation >20% contact F.A.C.T.

Pipe Dimensions and Performance for 1000 PSI Pressure Ratings¹

SIZE	PRESSURE RATING		NOMINAL I.D.		NOMINAL O.D.		NOMINAL WALL		ULTIMATE BURST		COLLAPSE RATING		WEIGHT		MIN. BEND RADIUS		FILL CAPACITY
	Psig	Bar	In	mm	In	mm	In	mm	Psig	Bar	Psig	Bar	Lb./ft.	Kg/m	Ft	M	Bbl./1000 ft.
3 1/2"	1,000	69.0	3.00	76	3.280	84	.140	3.6	3,000	206.8	500	34.5	1.65	2.50	127	38.7	8.7
4 1/2"	1,000	69.0	4.00	101	4.330	110	.165	4.2	3,000	206.8	300	20.6	2.48	3.70	169	51.5	15.5
*6"	1,000	69.0	5.9	150	6.280	160	.190	4.8	3,000	206.8	150	10.3	3.60	5.40	247	75.3	34.2

¹ Includes calculated data; all tests are across the joint at power tight with F.A.C.T. thread sealant. Rated pressures are static any fluctuation >20% contact F.A.C.T.

*FACT (FFT) 2 TPI design for fast installation. Elbow and Tee connections are 7" long form 8RD requiring c/o adapters

Pipe Dimensions and Performance for 1500 PSI Pressure Ratings¹

SIZE	PRESSURE RATING		NOMINAL I.D.		NOMINAL O.D.		NOMINAL WALL		ULTIMATE BURST		COLLAPSE RATING		WEIGHT		MIN. BEND RADIUS		FILL CAPACITY
	Psig	Bar	In	mm	In	mm	In	mm	Psig	Bar	Psig	Bar	Lb./ft.	Kg/m	Ft	M	Bbl./1000 ft.
2 3/8"	1,500	103.5	2.00	51	2.200	55	.100	2.5	4,500	310.6	500	34.5	.75	1.10	85	25.9	3.9
2 7/8"	1,500	103.5	2.43	62	2.67	67	.120	3.0	4,200	289.9	500	34.5	1.10	1.60	103	31.4	5.7
3 1/2"	1,500	103.5	3.00	76	3.300	83	.150	3.8	4,000	276.0	500	34.5	1.65	2.50	127	38.7	8.7
4 1/2"	1,500	103.5	4.00	101	4.380	110	.190	4.8	4,000	276.0	350	24.1	2.48	3.70	169	51.5	15.5
*6"	1,500	103.5	5.90	150	6.480	165	.290	7.4	3,500	241.3	400	27.6	6.43	9.64	247	75.3	34.2

¹ Includes calculated data; all tests are across the joint at power tight with F.A.C.T. thread sealant. Rated pressures are static any fluctuation >20% contact F.A.C.T.

*FACT (FFT) 2 TPI design for fast installation. Elbow and Tee connections are 7" long form 8RD requiring c/o adapters.

Pipe Dimensions and Performance for 2250 PSI Pressure Ratings¹

SIZE	PRESSURE RATING		NOMINAL I.D.		NOMINAL O.D.		NOMINAL WALL		ULTIMATE BURST		COLLAPSE RATING		WEIGHT		MIN. BEND RADIUS		FILL CAPACITY
	Psig	Bar	In	mm	In	mm	In	mm	Psig	Bar	Psig	Bar	Lb./ft.	Kg/m	Ft	M	Bbl./1000 ft.
2 3/8"	2,250	155.1	2.00	51	2.280	57	.140	3.5	6,000	414.0	1,000	70.0	.94	1.40	85	25.9	3.9
2 7/8"	2,250	155.1	2.43	62	2.810	71	.190	4.8	5,800	400.2	1,400	96.5	1.57	2.30	103	31.4	5.7
3 1/2"	2,250	155.1	3.00	76	3.460	87	.230	5.8	5,500	379.7	1,200	82.7	2.24	3.30	127	38.7	8.7
4 1/2"	2,250	155.1	4.00	101	4.600	116	.300	7.5	5,500	379.7	1,300	89.6	3.87	5.80	169	51.5	15.5
*6"	2,000	137.9	5.90	150	6.68	170	.390	9.9	4,500	316.4	800	55.2	7.65	11.48	247	75.3	34.2

¹ Includes calculated data; all tests are across the joint at power tight with F.A.C.T. thread sealant. Rated pressures are static any fluctuation >20% contact F.A.C.T.

*FACT (FFT) 2 TPI design for fast installation. Elbow and Tee connections are 7" long form 8RD requiring c/o adapters.

Pipe Dimensions and Performance for 2500 PSI Pressure Ratings¹

SIZE	PRESSURE RATING		NOMINAL I.D.		NOMINAL O.D.		NOMINAL WALL		ULTIMATE BURST		COLLAPSE RATING		WEIGHT		MIN. BEND RADIUS		FILL CAPACITY
	Psig	Bar	In	mm	In	mm	In	mm	Psig	Bar	Psig	Bar	Lb./ft.	Kg/m	Ft	M	Bbl./1000 ft.
2 3/8"	2,500	172.5	2.00	51	2.340	60	.170	4.3	6,500	448.5	1,650	113.8	1.15	1.70	85	25.9	3.9
2 7/8"	2,500	172.5	2.43	62	2.850	72	.210	5.3	6,200	427.9	2,000	137.9	1.80	2.70	103	31.4	5.7
3 1/2"	2,500	172.5	3.00	76	3.520	89	.260	6.5	6,000	414.0	1,600	110.3	2.53	3.80	127	38.7	8.7
4 1/2"	2,500	172.5	4.00	101	4.640	117	.320	8.0	5,500	379.7	1,650	113.8	4.20	6.30	169	51.5	15.5
6"	2,500	172.5	5.9	150	6.900	175	.500	12.7	5,000	345.2	1,400	96.5	9.81	14.7	247	75.3	34.2

¹ Includes calculated data; all tests are across the joint at power tight with F.A.C.T. thread sealant. Rated pressures are static any fluctuation >20% contact F.A.C.T.

*FACT (FFT) 2 TPI design for fast installation. Elbow and Tee connections are 7" long form 8RD requiring c/o adapters.

Pipe Dimensions and Performance for 3000 PSI Pressure Ratings¹

SIZE	PRESSURE RATING		NOMINAL I.D.		NOMINAL O.D.		NOMINAL WALL		ULTIMATE BURST		COLLAPSE RATING		WEIGHT		MIN. BEND RADIUS		FILL CAPACITY
	Psig	Bar	In	mm	In	mm	In	mm	Psig	Bar	Psig	Bar	Lb./ft.	Kg/m	Ft	M	Bbl./1000 ft.
2 3/8"	3,000	207	2.00	51	2.420	61	.210	5.3	6,500	448.5	2,750	189.6	1.36	2.01	85	25.9	3.9
2 7/8"	3,000	207	2.43	62	2.950	75	.260	6.6	6,200	427.9	2,750	189.6	2.07	3.11	103	31.4	5.7

¹ Includes calculated data; all tests are across the joint at power tight with F.A.C.T. thread sealant. Rated pressures are static any fluctuation >20% contact F.A.C.T.