

FLOWLINE



Flowline

The flowline system not only includes the flow pipe, but also connection fittings such as crossovers, flanges, elbows, and tees.

All TETRA's wellhead flowline connections and equipment are to API 6A specification. The flowline construction specification follows ASME B31.3 code. This specification is used for design of all relevant production flowline systems above 103 kPa (15 psi) working pressure.



API RATED FLANGES

Series	MACWP ¹ PSI	MATP ² PSI
400	960	1440
600	2000	4000
900	3000	6000
1500	5000	10,000
2900	10,000	15,000
	15,000	22,000

¹Maximum Allowable Cold Working Pressure

²Maximum Allowable Test Pressure

ASA RATED FLANGES

Series	MACWP ¹ PSI	MATP ² PSI
150	275	412.5
300	720	1080
400	960	1440
600	1440	2160
900	2160	3240
1500	3600	5400
2500	6000	9000

¹Maximum Allowable Cold Working Pressure

²Maximum Allowable Test Pressure

PIPES AND ELBOWS

Sizes and Minimum Allowable Thickness (mm)

Pipe Size	1440 PSI	2160 PSI	5000 PSI	10,000 PSI	15,000 PSI
2"	2.1	3.2	6.9	8.9	12.2
3"	3.1	4.6	10.1	13.1	14.1
4"	4.0	5.9	13.0	16.8	
5"	4.9	7.4	16.1	20.8	
6"	5.9	8.8	19.1	23.6	