



INCONEX
STEEL PIPES

CARBON STEEL

GRADE B PIPES

ASTM A53M, A106, API 5L

SEAMLESS / WELDED

www.inconex.it



INCONEX

STEEL PIPES

INCONEX is the global leading steel pipe manufacturer having extensive presence across the globe. Since 1985 is in pursuit to consistently improve the product quality to meet the needs from development to delivery. It is also the chief regional manufacturer of pipes in Europe with manufacturing facilities based in Italy. Our products have main application in Oil & Gas, Water, Petrochemical, marine, etc.

INCONEX has deep knowledge of the industry, dedicated to providing highest standard of products. Carefully designed, constructed, tested and delivered on time to meet clients' demands. We produce ASTM, ASME, EN, GOST, etc standard seamless and welded pipes.



With increasing customer demands rising to new frontiers, we remain dedicated to consistently help them with our continuous research and development to ensure highest quality products and economic viability. Our customer satisfaction is undoubtedly what makes our business stand out. INCONEX. Our mill employs state of the art technology to provide consistent steel production with different grades.

Mission: To provide high quality products that combine performance with value pricing and establishing a successful relationship with our customers.

Our vision: serves as the framework for our Roadmap and guides every aspect of our business by describing what we need to accomplish in order to continue achieving sustainable, quality growth.



PRODUCTS

SEAMLESS / WELDED

Pipes used in the conveying of fluids at different pressures, temperatures and environment conditions, as well in chemical and petrochemical industry processes.

We are specialized in manufacturing Seamless/Welded line pipes. Our delivery conditions are rolled, normalized, as well as quenched and tempered, with excellent performance...

Quality standards/grades: API 5L PSL 1 & PSL 2 (A, B, X42, X46, X52, X60, X65, X70, X80), ASTM, ASME, EN, GOST, etc.

CARBON STEEL GRADE B PIPES - ASTM A53M, A106, API 5L, Seamless / Welded

Maximum Allowable Operating Pressure (MPa)												
Nominal Size		Outside Diameter (mm)	Schedule		Wall Thickness (mm)	Temperature (°C)						
(DN)	(NPS)					-29 to +38	204	260	343	371	399	427
						Maximum Allowable Stress (MPa)						
						137.9	137.9	130.3	117.2	113.8	89.6	74.5
15	½	21.3	STD	40	2.77	34.5	34.5	32.6	29.3	28.5	22.4	18.6
20	¾	26.7	STD	40	2.87	28.1	28.1	26.5	23.8	23.1	18.2	15.1
			XS	80	3.91	39.4	39.4	37.2	33.5	32.5	25.6	21.3
25	1	33.4	STD	40	3.38	26.3	26.3	24.8	22.3	21.7	17.1	14.2
			XS	80	4.55	36.3	36.3	34.3	30.9	30.0	23.6	19.6
32	1¼	42.2	STD	40	3.56	21.6	21.6	20.4	18.4	17.8	14.1	11.7
			XS	80	4.85	30.2	30.2	28.5	25.6	24.9	19.6	16.3
				160	6.35	40.6	40.6	38.4	34.5	33.5	26.4	21.9
40	1½	48.3	STD	40	3.68	19.4	19.4	18.4	16.5	16.0	12.6	10.5
			XS	80	5.08	27.4	27.4	25.9	23.3	22.6	17.8	14.8
				160	7.14	39.8	39.8	37.6	33.8	32.8	25.9	21.5
50	2	60.3	STD	40	3.91	16.4	16.4	15.5	13.9	13.5	10.7	8.9
			XS	80	5.54	23.7	23.7	22.4	20.1	19.5	15.4	12.8
				160	8.74	38.9	38.9	36.8	33.1	32.1	25.3	21.0
65	2½	73.0	STD	40	5.16	17.9	17.9	17.0	15.3	14.8	11.7	9.7
			XS	80	7.01	24.8	24.8	23.5	21.1	20.5	16.1	13.4
				160	9.53	34.7	34.7	32.8	29.5	28.6	22.5	18.7
80	3	88.9	STD	40	5.49	15.6	15.6	14.7	13.2	12.8	10.1	8.4
			XS	80	7.62	22.0	22.0	20.8	18.7	18.2	14.3	11.9
				160	11.13	33.1	33.1	31.3	28.1	27.3	21.5	17.9
100	4	114.3	STD	40	6.02	13.2	13.2	12.5	11.2	10.9	8.6	7.1
			XS	80	8.56	19.1	19.1	18.0	16.2	15.7	12.4	10.3
				120	11.13	25.2	25.2	23.8	21.4	20.8	16.4	13.6
				160	13.49	31.0	31.0	29.3	26.4	25.6	20.2	16.8
			XXS		17.12	40.4	40.4	38.2	34.3	33.3	26.2	21.8
125	5	141.3	STD	40	6.55	11.6	11.6	10.9	9.8	9.5	7.5	6.2
			XS	80	9.53	17.1	17.1	16.1	14.5	14.1	11.1	9.2
				120	12.7	23.1	23.1	21.9	19.7	19.1	15.0	12.5
				160	15.88	29.4	29.4	27.8	25.0	24.3	19.1	15.9
			XXS		19.05	35.9	35.9	33.9	30.5	29.6	23.4	19.4
150	6	168.3	STD	40	7.11	10.5	10.5	9.9	8.9	8.7	6.8	5.7
			XS	80	10.97	16.5	16.5	15.6	14.0	13.6	10.7	8.9
				120	14.27	21.8	21.8	20.6	18.5	17.9	14.1	11.7
			XXS	160	18.26	28.3	28.3	26.8	24.1	23.4	18.4	15.3
200	8	219.1		20	6.35	7.1	7.1	6.7	6.1	5.9	4.6	3.9
				30	7.04	7.9	7.9	7.5	6.7	6.5	5.2	4.3
			STD	40	8.18	9.3	9.3	8.7	7.9	7.6	6.0	5.0
				60	10.31	11.7	11.7	11.1	10.0	9.7	7.6	6.3
			XS	80	12.7	14.6	14.6	13.8	12.4	12.0	9.5	7.9
				100	15.09	17.5	17.5	16.5	14.8	14.4	11.4	9.4
				120	18.26	21.4	21.4	20.2	18.2	17.6	13.9	11.5
				140	20.62	24.3	24.3	23.0	20.7	20.1	15.8	13.1
			XXS		22.23	26.4	26.4	24.9	22.4	21.7	17.1	14.2
	160	23.01	27.4	27.4	25.8	23.3	22.6	17.8	14.8			

Important - refer to the associated Notes on page 1.

CARBON STEEL GRADE B PIPES - ASTM A53M, A106, API 5L, Seamless / Welded

Maximum Allowable Operating Pressure (MPa)												
Nominal Size		Outside Diameter (mm)	Schedule	Wall Thickness (mm)	Temperature (°C)							
(DN)	(NPS)				-29 to +38	204	260	343	371	399	427	
					Maximum Allowable Stress (MPa)							
					137.9	137.9	130.3	117.2	113.8	89.6	74.5	
250	10	273.1		20	6.35	5.7	5.7	5.4	4.8	4.7	3.7	3.1
				30	7.8	7.0	7.0	6.6	6.0	5.8	4.6	3.8
			STD	40	9.27	8.4	8.4	7.9	7.1	6.9	5.5	4.5
			XS	60	12.7	11.6	11.6	11.0	9.9	9.6	7.5	6.3
				80	15.09	13.9	13.9	13.1	11.8	11.4	9.0	7.5
				100	18.26	16.9	16.9	16.0	14.4	14.0	11.0	9.1
				120	21.44	20.0	20.0	18.9	17.0	16.5	13.0	10.8
				160	28.58	27.3	27.3	25.8	23.2	22.5	17.7	14.7
300	12	323.9		20	6.35	4.8	4.8	4.5	4.1	4.0	3.1	2.6
				30	8.38	6.4	6.4	6.0	5.4	5.2	4.1	3.4
			STD		9.53	7.2	7.2	6.9	6.2	6.0	4.7	3.9
				40	10.31	7.9	7.9	7.4	6.7	6.5	5.1	4.2
			XS		12.7	9.7	9.7	9.2	8.3	8.0	6.3	5.3
				60	14.27	11.0	11.0	10.4	9.3	9.0	7.1	5.9
				80	17.48	13.5	13.5	12.8	11.5	11.2	8.8	7.3
				100	21.44	16.8	16.8	15.8	14.2	13.8	10.9	9.0
350	14	355.6		10	6.35	4.4	4.4	4.1	3.7	3.6	2.8	2.4
				20	7.92	5.5	5.5	5.2	4.6	4.5	3.5	2.9
			STD	30	9.53	6.6	6.6	6.2	5.6	5.4	4.3	3.6
				40	11.13	7.7	7.7	7.3	6.6	6.4	5.0	4.2
			XS		12.7	8.8	8.8	8.4	7.5	7.3	5.7	4.8
				60	15.09	10.6	10.6	10.0	9.0	8.7	6.9	5.7
				80	19.05	13.4	13.4	12.7	11.4	11.1	8.7	7.3
				100	23.83	17.0	17.0	16.0	14.4	14.0	11.0	9.2
400	16	406.4		10	6.35	3.8	3.8	3.6	3.2	3.1	2.5	2.1
				20	7.92	4.8	4.8	4.5	4.1	3.9	3.1	2.6
			STD	30	9.53	5.8	5.8	5.4	4.9	4.7	3.7	3.1
			XS	40	12.7	7.7	7.7	7.3	6.6	6.4	5.0	4.2
				60	16.66	10.2	10.2	9.6	8.7	8.4	6.6	5.5
				80	21.44	13.2	13.2	12.5	11.2	10.9	8.6	7.1
				100	26.19	16.3	16.3	15.4	13.8	13.4	10.6	8.8
				120	30.96	19.4	19.4	18.4	16.5	16.0	12.6	10.5
	140	36.53	23.1	23.1	21.9	19.7	19.1	15.0	12.5			
	160	40.49	25.8	25.8	24.4	22.0	21.3	16.8	14.0			

Important - refer to the associated Notes on page 1.

CARBON STEEL GRADE B PIPES - ASTM A53M, A106, API 5L, Seamless / Welded

Maximum Allowable Operating Pressure (MPa)												
Nominal Size (DN) (NPS)		Outside Diameter (mm)	Schedule	Wall Thickness (mm)	Temperature (°C)							
					-29 to +38	204	260	343	371	399	427	
					Maximum Allowable Stress (MPa)							
					137.9	137.9	130.3	117.2	113.8	89.6	74.5	
450	18	457		10	6.35	3.4	3.4	3.2	2.9	2.8	2.2	1.8
				20	7.92	4.2	4.2	4.0	3.6	3.5	2.8	2.3
			STD		9.53	5.1	5.1	4.8	4.3	4.2	3.3	2.8
			XS	30	11.13	6.0	6.0	5.7	5.1	4.9	3.9	3.2
					12.7	6.8	6.8	6.5	5.8	5.6	4.4	3.7
				40	14.27	7.7	7.7	7.3	6.5	6.4	5.0	4.2
				60	19.05	10.4	10.4	9.8	8.8	8.5	6.7	5.6
				80	23.83	13.1	13.1	12.3	11.1	10.8	8.5	7.1
				100	29.36	16.2	16.2	15.3	13.8	13.4	10.6	8.8
				120	34.93	19.5	19.5	18.4	16.6	16.1	12.7	10.5
				140	39.67	22.3	22.3	21.1	19.0	18.4	14.5	12.0
	160	45.24	25.7	25.7	24.3	21.8	21.2	16.7	13.9			
500	20	508		10	6.35	3.0	3.0	2.9	2.6	2.5	2.0	1.6
			STD	20	9.53	4.6	4.6	4.3	3.9	3.8	3.0	2.5
			XS	30	12.7	6.1	6.1	5.8	5.2	5.1	4.0	3.3
				40	15.09	7.3	7.3	6.9	6.2	6.0	4.8	4.0
				60	20.62	10.1	10.1	9.5	8.6	8.3	6.6	5.4
				80	26.19	12.9	12.9	12.2	11.0	10.6	8.4	7.0
				100	32.54	16.2	16.2	15.3	13.8	13.4	10.5	8.7
				120	38.1	19.1	19.1	18.1	16.2	15.8	12.4	10.3
				140	44.45	22.5	22.5	21.3	19.1	18.6	14.6	12.1
	160	50.01	25.5	25.5	24.1	21.7	21.0	16.6	13.8			
600	24	610		10	6.35	2.5	2.5	2.4	2.2	2.1	1.6	1.4
			STD	20	9.53	3.8	3.8	3.6	3.2	3.1	2.5	2.1
			XS		12.7	5.1	5.1	4.8	4.3	4.2	3.3	2.8
				30	14.27	5.7	5.7	5.4	4.9	4.7	3.7	3.1
				40	17.48	7.1	7.1	6.7	6.0	5.8	4.6	3.8
				60	24.61	10.0	10.0	9.5	8.5	8.3	6.5	5.4
				80	30.96	12.7	12.7	12.0	10.8	10.5	8.3	6.9
				100	38.89	16.1	16.1	15.2	13.7	13.3	10.5	8.7
				120	46.02	19.2	19.2	18.2	16.3	15.9	12.5	10.4
				140	52.37	22.0	22.0	20.8	18.7	18.2	14.3	11.9
	160	59.54	25.3	25.3	23.9	21.5	20.9	16.4	13.7			

Important - refer to the associated Notes on page 1.

Carbon Steel Black Pipes – ASTM API 5L A53M, A106, A670, A671, A672, SAW/SSAW
Above 24" upto 60"

	N . B		THICK O.D	0.250	0.281	0.312	0.344	0.375	0.406	0.433
	A	B		6.4	7.1	7.9	8.7	9.5	10.3	11.1
#600	550	22	558.8							
	600	24	609.6							
	650	26	660.4							
	700	28	711.2							
#800	750	30	762.0							
	800	32	812.8							
	850	34	863.6							
	900	36	914.4							
	1000	40	1016.0							
	1100	44	1117.6							
	1200	48	1219.2							
	1350	54	1371.6							
	1500	60	1524.0							





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