

CC CHONG CHEONG
FOUNDRY WORKS PTE LTD

MARINE & INDUSTRIAL PIPE SYSTEMS



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ISO 9001

QS-1999-05

ABOUT US



About Us

We are a manufacturer and distributor for a wide range of pipe products to serve various industries, namely Civil & Infrastructure, Marine, Oil & Gas, and Process Industries.

Our Vision

To be the preferred vendor of pipe products to our customers in Asia, by understanding market needs and providing a practical mix of reliable quality, affordability and service.

WHY CHONG CHEONG?

We believe in getting the basics right.

We believe in creating value for you, and here's how we do it:



Quality Assurance

In collaboration with SAC Singlas approved laboratories and classification societies (ABS, DNV, BV), we ensure our products meet required project requirements. Our in-house PMI test equipment from Spectro Germany provide added assurance to material compliance.



Ready Stock

To meet your varied piping product needs, our stock planner employs forecasting techniques to manage thousands of SKUs, stored in large capacity warehouses, ensuring a robust and expedient supply.



Good Value

We work hard to provide customers with a practical mix of quality and affordability. Optimizing the supply chain through strategic production locations and data-driven management, are some of the many things we do to deliver good value.



Fast Local Production

Our local team of experienced engineers will produce the required custom products according to your drawing and given tolerance.



Service Commitment

Customer feedback is one of the key drivers of our business. With each feedback, we will improve to serve you better.



Reliable Factory Production

Our import specialist will work closely with our factory, freight partners and quality control personnel to fulfill prompt delivery.

PRODUCT RANGE



PIPES

TYPE	MATERIAL	PRESSURE
Seamless	A106 Gr.B	STD, XS, XXS, S20
Welded	API 5L Gr.B A333-6 A312-TP304L A312-TP316L	S40, S80, S120, S160



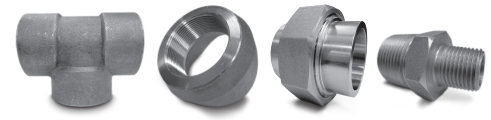
BUTTWELD FITTINGS

TYPE	MATERIAL	PRESSURE
90 Deg L/R Elbow	A234-WPB	STD, XS, XXS, S20
90 Deg S/R Elbow	A420-WPL6	S40, S80, S120, S160
45 Deg L/R Elbow	A403-WP304L	
45 Deg S/R Elbow	A403-WP316L	
Concentric Reducer		
Eccentric Reducer		
Equal Tee		
Reducing Tee		
Cap		



FLANGES

TYPE	MATERIAL	PRESSURE
SOFF (PLFF)	SS400	JIS Standard
SORF	ST37.2	5K, 10K, 16K, 20K, 40K
BLFF	A105N	
BLRF	A350 LF2	DIN Standard
WNRF	A182-F304L	PN6, PN10, PN16, PN25, PN40
WNRTJ	A182-F316L	
THRF		ANSI Standard
SWRF		150#, 300#, 600#, 900#, 1500#, 2500#
LJFF		



HIGH PRESSURE FITTINGS

TYPE	MATERIAL	PRESSURE
Elbow	A105N	3000#, 6000#
Tee	A350 LF2	
Coupling	A182-F304L	
Union	A182-F316L	
Bushing		
Nipple		
Weldolet		
Threadolet		



LOW PRESSURE FITTINGS

TYPE	MATERIAL	PRESSURE
Elbow	CF8 (304)	150#
Tee	CF8M (316)	
Coupling	Cast Iron	
Union	HDG Cast Iron	
Bushing	Cast Steel	
Nipple		



VALVES

TYPE	MATERIAL	PRESSURE
Gate	As per specification	JIS Standard
Globe		5K, 10K, 16K, 20K
Ball		
Butterfly		DIN Standard
Swing Check		PN6, PN10, PN16, PN25, PN40
Diaphragm		
Plus		ANSI Standard
Relief		150#, 300#, 600#, 900#, 1500#, 2500#
Safety		



CUSTOM FABRICATION

TYPE	MATERIAL	PRESSURE
Spectacle Flange	As per drawing	As per drawing and specifications
Deck Scupper	and specifications	
Stud Flange		
Tee Block		
Pipe Sleeve		

Fabrication Capabilities

While standard piping components are made regionally, we manufacture in Singapore to meet customized requirements or fast lead time requests.

Well equipped with machine centers and supporting equipment, our team of experienced machinists and welders are committed to value-adding your supply chain.



Bellow



Reducer



Puddle Flange Spool



Y Piece



Rope Guard



Sawing Machine



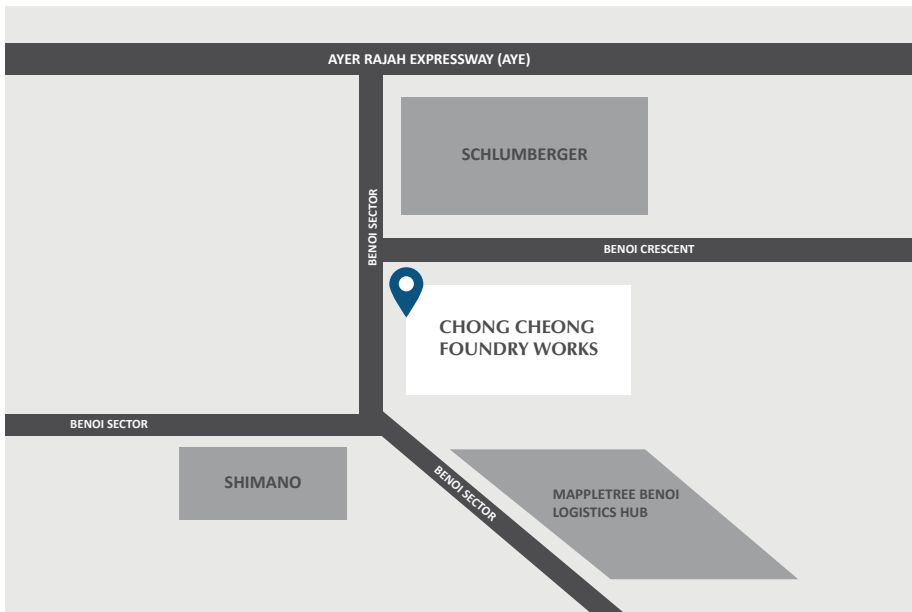
CNC Milling Machine



ANSI PIPE SCHEDULE

OD's = mm
 Wall thickness = mm
 Weight = kg/m (plain end mass)

Nominal Pipe Size Inches	DN	OD mm	ASME B36.19					ASME B36.10												
			5s	10s	40s	80s	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	
1/8"	6	10.3		1.24 0.28	1.73 0.36	2.41 0.48	1.24 0.28		1.45 0.32	1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47						
1/4"	8	13.7		1.65 0.51	2.24 0.64	3.02 0.80	1.65 0.49		1.85 0.54	2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80						
3/8"	10	17.1		1.65 0.64	2.31 0.86	3.20 1.12	1.65 0.63		1.85 0.70	2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10						
1/2"	15	21.3	1.65 0.82	2.11 1.01	2.77 1.30	3.73 1.65	2.11 1.00		2.41 1.12	2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62				4.78 1.95	7.47 2.55	
3/4"	20	26.7	1.65 1.04	2.11 1.31	2.87 1.71	3.91 2.24	2.11 1.28		2.41 1.44	2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64	
1"	25	33.4	1.65 1.33	2.77 2.13	3.38 2.55	4.55 3.29	2.77 2.09		2.90 2.18	3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45	
1 1/4"	32	42.2	1.65 1.68	2.77 2.76	3.56 3.46	4.85 4.56	2.77 2.69		2.97 2.87	3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47				6.35 5.61	9.70 7.77	
1 1/2"	40	48.3	1.65 1.95	2.77 3.11	3.68 4.13	5.08 5.51	2.77 3.11		3.18 3.53	3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.56	
2"	50	60.3	1.65 2.44	2.77 4.01	3.91 5.54	5.54 7.63	2.77 3.93		3.18 4.48	3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44	
2 1/2"	65	73.0	2.11 3.77	3.05 5.36	5.16 8.81	7.01 11.64	3.05 5.26		4.78 8.04	5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39	
3"	80	88.9	2.11 4.60	3.05 6.59	5.49 11.52	7.62 15.59	3.05 6.46		4.78 9.92	5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68	
3 1/2"	90	101.6	2.11 5.29	3.05 7.55	5.74 13.57	8.08 19.01	3.05 7.41		4.78 11.41	5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63				-	-	
4"	100	114.3	2.11 5.96	3.05 8.52	6.02 16.40	8.56 22.77	3.05 8.37		4.78 12.91	6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03	
5"	125	141.3	2.77 9.67	3.40 11.82	6.55 22.20	9.53 31.59	3.40 11.56			6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.70 40.38		15.88 49.11	19.05 57.43	
6"	150	168.3	2.77 11.55	3.40 14.13	7.11 28.83	10.97 43.42	3.40 13.83			7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56		14.27 54.20		18.26 67.56	21.95 79.22	
8"	200	219.1	2.77 15.09	3.76 20.37	8.18 43.39	12.70 65.95	3.76 19.97	6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92	
10"	250	273.1	3.40 23.08	4.19 28.34	9.27 61.52	12.70 83.19	4.19 27.78	6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	
12"	300	323.9	3.96 31.89	4.57 36.73	9.53 75.32	12.70 99.43	4.57 35.98	6.35 49.73	8.38 65.20	9.53 73.88	9.53 73.88	10.31 79.73	12.70 97.46	12.70 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97
14"	350	355.6	3.96 35.06	4.78 42.14	9.53 81.33	12.70 107.40	6.35 54.69	7.92 92.90	9.53 81.33	9.53 81.33	9.53 81.33	11.13 94.55	12.70 107.39	12.70 107.39	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70	
16"	400	406.4	4.19 42.41	4.78 48.26	9.53 93.27	12.70 123.31	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	9.53 93.27	12.70 123.30	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35	
18"	450	457.2	4.19 47.77	4.78 54.36	9.53 108.37	12.70 140.62	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.16	14.27 155.80	12.70 205.74	19.05 139.15	12.70 254.57	23.83 309.62	29.36 363.56	34.93 408.26	39.67 459.37	45.24 459.37	
20"	500	508.0	4.78 60.46	5.54 70.00	9.53 117.15	12.70 155.13	6.35 78.55	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	12.70 247.83	20.62 155.12	12.70 311.17	26.19 381.53	32.54 441.49	38.10 508.11	44.45 508.11	50.01 564.81	
22"		558.8	4.78 66.57	5.54 77.06	-	-	6.35 86.54	9.53 129.13	12.70 171.09	9.53 129.13	-	22.23 294.25	12.70 171.09	12.70 373.83	28.58 451.42	34.93 527.02	41.28 600.63	47.63 672.26	53.98 672.26	
24"	600	609.6	5.54 84.16	6.35 96.37	9.53 141.12	12.7 187.07	6.35 94.53	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	12.70 355.26	24.61 187.06	12.70 442.08	30.96 547.71	38.89 640.03	46.02 720.15	52.37 808.22	59.54 808.22	
26"		660.4					7.92 127.36	12.70 202.72	-	9.53 152.87	-	-	12.70 202.72							12.70
28"	700	711.2					7.92 137.32	12.70 218.69	15.88 271.21	9.53 164.85	-	-	12.70 218.69							
30"		762.0	6.35 120.72	7.92 150.36			7.92 147.28	12.70 234.67	15.88 292.18	9.53 176.84	-	-	12.70 234.67							
32"	800	812.8					7.92 157.24	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91		12.70 250.64							
34"		863.6					7.92 167.20	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90		12.70 266.61							
36"	900	914.4					7.92 170.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42		12.70 282.27							
38"		965.2								9.53 224.54			12.70 298.24							
40"	1000	1016.0								9.53 236.53			12.70 314.22							
42"		1066.8								9.53 248.52			12.70 330.19							
44"	1100	1117.8								9.53 260.50			12.70 346.16							
46"		1168.4								9.53 272.25			12.70 351.82							
48"	1200	1219.2								9.53 284.24			12.70 377.79							



Contact Us

Please feel free to contact us via e-mail or phone. We will be glad to answer your questions, concerns and/or feedback.

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