

PT. WAHANA MANDIRI TEKNOLOGI



PIPES & TUBES ● FITTINGS ● FLANGES ● VALVES

F o r e w o r d

PT. Wahana Mandiri Teknologi is a pipe and fitting supplier company. We have good quality products with competitive price in current market. With good products and delivery services makes PT. Wahana Mandiri Teknologi become one of the best pipe supplier in country.

The existence of our company up until today have been based on a solid team of a very supporting management and staffs. That makes our company can always a step ahead.

The management and staffs of PT. Wahana Mandiri Teknologi would like to thank all our customers and product users for the support given and the trust put in us. We are privileged to have you as our customer.

Dwi Yanarko
Director



VISION

Our vision is a world where peace and economic growth support each other. Through trade PT. Wahana Mandiri Teknologi promotes both.



MISSION

Our mission is to take the complicated, procedures out of importing steel for our customers. We will understand our customers and their needs so that we can provide and deliver services that allow them to achieve their objectives. We will revolutionise the supply services industry through a combination of customer focus and advanced information technology to provide outstanding value for our customers.



OUR PRODUCT

PIPES & TUBES

MANUFACTURE PROCESS	SEAMLESS, EFW, ERW, SAW, DSAW
WALL THICKNESS	SCH 5S, 10S, 20, 30, 40, 40S, STD, 60, 80, XS, 100, 120, 140, 160, XXS, HEAVY WALL
MATERIAL	CARBON STEEL A/SA106/A/SA53/API 5L, API 5L X GRADE STAINLESS STEEL, A/SA 312 TP304/H/L, 316/H/L, 321/H/L, 317/H/L, 347/H/L, 904/H/L DUPLEX, SUPER DUPLEX & SPECIAL ALLOY

FITTINGS & FORGED FITTING

	ELBOW, TEE, REDUCERS, STUB END, CAP, NEPPLE, COPLING, UNION, BUSHING, PLUG
PROCESS	STEAMLESS, WELDED, FORGING
WALL THICKNESS/ PRESSURE RATING	SCH 5S, 10S, 20, 30, 40, 40S, STD, 60, 80 XS, 100, 1200, 140, 160, XXS, HEAVY WALL #3000, #6000, #9000, #12000
CONNECTION	BUTT WELD, SOCKET WELD, THREADED
CONNECTION	CARBON STEEL A/SA234 WPB, A/SA 105N ALLOY STEEL A/SA 234 WP1, WP2, WP5, WP9, WP11, WP22, WP91 STAINLESS STEEL A/SA 403 WP 304/H/L, 316/H/L, 321/H/L, 347/H/L, 904/H/L DUPLEX, SUPER DUPLEX & SPECIAL ALLOY



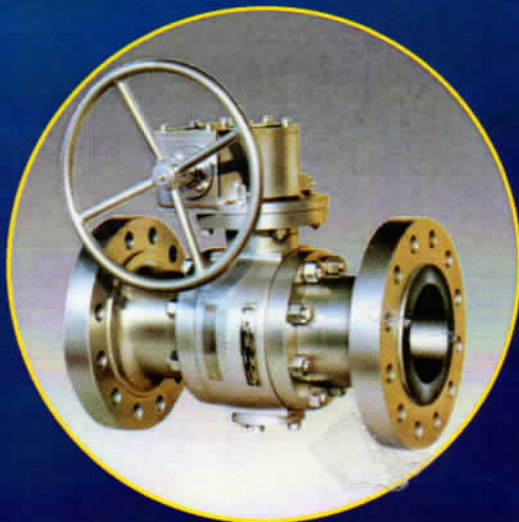
OUR PRODUCT

FLANGES

TYPE	SLIP ON, SOCKET WELD, WELDING NECK, THREADED, LAP JOINT, REDUCING, BLIND
PRESSURE RATING	#150, #300, #600, #900, #1500, #2500
MATERIAL	CARBON STEEL A/SA 105 N ALLOY STEEL A/SA, 182 F1, F2, F5, F11, F22, F91 STAINLESS STEEL, A/SA 182 F34/H/L, F 316/H/L, 317/H/L, F347/H/L, F904/H/L DUPLEX, SUPER DUPLEX & SPECIAL ALLOY



VALVES



BALL, GATE, GLOBE, CHECK, BUTTERFLY, STRAINER, PRESSURE REDUCING, SAFETY	TYPE
CASTING AND FORGING	PROCESS
SCH 5S, 10S, 20, 30, 40, 40S, STD, 60, 80, XS, 100, 120, 140, 160, XXS, HEAVY WALL #3000, #6000, #9000, #1200	WALL THICKNESS/ PRESSURE RATING
FLANGES, THREADED, SOCKET WELD, LUG, WAFER BEVEL END	CONNECTION
#150, #300, #600, #800, #900, #1500, #2500, #3000, #5000	PRESSURE RATING
A216 WCA/WCB/WCC A217 WC1/WC6/WC9/C5/C12 A351 CF8(M)/CF3(M) A352 LCB/LCC/LC1/LC2/LC3	MATERIAL



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PIPE DIMENSIONS IMPERIAL/METRIC

NOMINAL PIPE SIZE	SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT		NOMINAL PIPE SIZE	SCHEDULE DESIGNATIONS		WALL THICKNESS		WEIGHT	
	OD INCH	ANSI/ASME	INCH	MM	LBS/FOOT	KG/METER		OD INCH	ANSI/ASME	INCH	MM	LBS/FOOT	KG/METER
1/8	10	10S	0.049	1.24	0.1863	0.28	3-1/2	5	5S	0.083	2.11	3.472	5.17
6	0.0405	STD 40 40S	0.068	1.73	0.2447	0.36	90	10	10S	0.120	3.05	4.973	7.40
	10.3	XS 80 80S	0.095	2.41	0.3145	0.47	4.000	STD 40 40S	0.226	5.74	9.109	13.56	
1/4	10	10S	0.065	1.65	0.3297	0.49	101.6	XS 80 80S	0.318	8.08	12.50	18.60	
8	0.540	STD 40 40S	0.088	2.24	0.4248	0.63	4	XX	0.636	16.15	22.85	34.01	
	13.7	XS 80 80S	0.119	3.02	0.5351	0.80	100	5	5S	0.083	2.11	3.915	5.83
3/8	10	10S	0.065	1.65	0.4235	0.63	4.500	10	10S	0.120	3.05	5.613	8.35
10	0.675	STD 40 40S	0.091	2.31	0.5676	0.84	114.3	STD 40 40S	0.237	6.02	10.79	16.06	
	17.1	XS 80 80S	0.126	3.20	0.7388	1.10	5	XS 80 80S	0.337	8.56	14.98	22.29	
1/2	5	5S	0.065	1.65	0.5383	0.80	120	120	0.438	11.13	19.00	28.28	
15	10	10S	0.083	2.11	0.6710	1.00	160	XXS	0.5	12.70	22.51	33.50	
	0.840	STD 40 40S	0.109	2.77	0.8510	1.27	5	74	17.12	27.54	40.99		
	21.3	XS 80 80S	0.147	3.73	1.088	1.62	125	5	5S	0.10	2.77	6.349	9.45
		160	0.188	4.78	1.309	1.95	5.563	10	10S	0.134	3.40	7.770	11.56
		XXS	0.294	7.47	1.714	2.55	141.3	STD 40 40S	0.258	6.55	14.62	21.76	
3/4	5	5S	0.065	1.65	0.6838	1.02	6	XS 80 80S	0.375	9.53	20.78	30.93	
20	10	10S	0.083	2.11	0.8572	1.28	150	120	0.500	12.70	27.04	40.24	
	1.050	STD 40 40S	0.113	2.87	1.131	1.68	6.625	160	0.625	15.88	32.96	49.05	
	26.7	XS 80 80S	0.154	3.91	1.474	2.19	168.3	XXS	0.750	19.05	38.55	57.37	
		160	0.219	5.56	1.944	2.89	8	5	5S	0.109	2.77	7.585	11.29
		XXS	0.308	7.82	2.441	3.63	200	10	10S	0.134	3.40	9.289	13.82
1	5	5S	0.065	1.65	0.8678	1.29	8.625	STD 40 40S	0.280	7.11	18.97	28.23	
25	10	10S	0.109	2.77	1.404	2.09	219.1	XS 80 80S	0.432	10.97	28.57	42.52	
	1.315	STD 40 40S	0.133	3.38	1.679	2.50	10	120	0.562	14.27	36.39	5.16	
	33.4	XS 80 80S	0.179	4.55	2.172	3.23	8	160	0.719	18.26	45.35	67.49	
		160	0.250	6.35	2.844	4.23	10	XXS	0.864	21.95	53.16	79.12	
		XXS	0.358	9.09	3.659	5.45	10	5S	0.109	2.77	9.914	14.75	
1-1/4	5	5S	0.065	1.65	1.107	1.65	12	10	10S	0.148	3.76	13.40	19.94
32	10	10S	0.109	2.77	1.806	2.69	10	20	0.250	6.35	22.36	3.28	
	1.660	STD 40 40S	0.140	3.56	2.273	3.38	250	30	0.277	7.04	24.70	36.76	
	42.2	XS 80 80S	0.191	4.85	2.997	4.46	10.750	STD 40 40S	0.322	8.18	28.55	42.49	
		160	0.250	6.35	3.765	5.60	273.1	60	0.406	10.31	35.64	53.04	
		XXS	0.382	9.70	5.214	7.76	10	XS 80 80S	0.500	12.70	43.39	64.58	
1-1/2	5	5S	0.065	1.65	1.274	1.90	12	100	0.594	15.09	50.95	75.83	
40	10	10S	0.109	2.77	2.085	3.10	10	120	0.719	18.26	60.71	90.35	
	1.900	STD 40 40S	0.145	3.68	2.718	4.05	10	140	0.812	20.62	67.76	100.84	
	48.3	XS 80 80S	0.200	5.08	3.631	5.40	10	XXS	0.875	22.23	72.42	107.78	
		160	0.281	7.14	4.859	7.23	10	160	0.906	23.01	74.69	111.16	
		XXS	0.400	10.16	6.408	9.54	10	5S	0.134	3.40	15.19	22.6	
2	5	5S	0.065	1.65	1.604	2.39	10	105	0.165	4.19	18.70	27.83	
50	10	10S	0.109	2.77	2.638	3.93	10	20"	0.250	6.35	28.04	41.73	
	2.375	STD 40 40S	0.154	3.91	3.653	5.44	10	30	0.307	7.80	34.24	50.96	
	60.3	XS 80 80S	0.218	5.54	5.022	7.47	10	STD 40 40S	0.365	9.27	40.48	60.24	
		160	0.344	8.74	7.462	11.11	10	XS 60 80S	0.500	12.70	54.74	81.47	
		XXS	0.436	11.07	9.029	13.44	10	80	0.594	15.09	64.43	96.01	
2-1/2	5	5S	0.083	2.11	2.475	3.68	10	100	0.719	18.26	77.03	114.64	
65	10	10S	0.120	3.05	3.531	5.26	10	120	0.844	21.44	89.29	133.06	
	2.875	STD 40 40S	0.203	5.16	5.793	8.62	10	140	1.000	25.40	104.13	155.15	
	73.0	XS 80 80S	0.276	7.01	7.661	11.40	10	160	1.125	28.58	115.64	172.10	
		160	0.375	9.53	10.01	14.90	10	5S	0.156	3.96	20.98	31.22	
		XXS	0.552	14.02	13.69	20.37	10	10S	0.180	4.57	24.20	36.02	
3	5	5S	0.083	2.11	3.029	4.51	10	20	0.250	6.35	33.38	49.68	
80	10	10S	0.120	3.05	4.332	6.45	10	30	0.330	8.38	43.77	65.14	
	3.500	STD 40 40S	0.216	5.49	7.576	11.27	10	STD 40S	0.375	9.53	49.56	73.76	
	88.9	XS 80 80S	0.300	7.62	10.25	15.25	10	40	0.406	10.31	53.52	79.65	
		160	0.483	11.13	14.32	21.31	10	XS 80S	0.500	12.70	65.42	97.36	
		XXS	0.600	15.24	18.58	27.65	10	60	0.562	14.27	73.15	108.87	



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NOMINAL PIPE SIZE	SCHEDULE DESIGNATIONS	WALL THICKNESS		WEIGHT			
		INCH	MM	LBS/FOOT	KG/METER		
14 350 14.000 355.6	XXS	80	0.688	17.48	88.63	132.08	
		100	0.844	21.44	107.32	159.72	
		120	1.000	25.40	125.49	186.97	
		140	1.125	28.58	139.67	208.14	
		160	1.312	33.32	160.27	238.52	
		10S	0.188	4.78	27.73	41.27	
	10S	10	0.250	6.35	36.71	54.63	
		20	0.312	7.92	45.61	67.88	
		STD 30	0.375	9.53	54.67	81.21	
		40	0.438	11.13	63.44	94.41	
		XS 80S	0.500	12.70	72.09	107.29	
		60	0.594	15.09	85.05	126.58	
		80	0.750	19.05	106.13	158.10	
		100	0.938	23.83	130.85	194.74	
		120	1.094	27.79	150.90	224.58	
		140	1.250	31.75	170.21	253.32	
16 400 16.000 406.4	10S	10	0.188	4.78	31.75	47.25	
		20	0.250	6.35	42.05	62.58	
		STD 30	0.312	7.92	52.27	77.79	
		40	0.375	9.53	62.58	93.13	
		XS 40	0.500	12.70	82.77	123.18	
		60	0.656	16.66	107.50	160.12	
	10S	80	0.844	21.44	136.61	203.31	
		100	1.031	26.20	164.82	245.29	
		120	1.219	30.96	192.43	286.38	
		140	1.438	36.53	223.64	333.19	
		160	1.594	40.49	245.25	365.35	
		10S	0.188	4.78	35.76	53.22	
		10S	10	0.250	6.35	47.39	70.53
			20	0.312	7.92	58.94	87.72
			STD 40S	0.375	9.53	70.59	105.06
			30	0.438	11.13	82.15	122.26
XS 80S	0.500		12.70	93.45	139.08		
40	0.562		14.27	104.67	155.78		
60	0.750		19.05	138.17	205.63		
80	0.938		23.83	170.92	254.37		
100	1.156		29.36	207.96	309.50		
120	1.375		34.93	244.14	363.34		
20 500 20.000 508.0	10S	10	0.218	5.54	46.06	68.89	
		STD 20S	0.375	9.53	78.60	117.15	
		XS 80S	0.500	12.70	104.13	155.12	
		40	0.594	15.09	123.11	183.42	
		60	0.812	20.62	166.40	247.65	
		80	1.031	26.19	208.87	311.17	
	10S	100	1.281	32.54	256.10	381.14	
		120	1.500	38.10	296.37	441.07	
		140	1.750	44.45	341.09	508.11	
		160	1.969	50.01	379.17	564.30	
		10S	0.250	6.35	63.41	94.37	
		10S	STD 20	0.375	9.53	94.62	141.12
			40S	0.500	12.70	125.49	186.76
			80S	0.500	12.70	125.49	186.76
			80S	0.500	12.70	125.49	186.76

NOMINAL PIPE SIZE	SCHEDULE DESIGNATIONS	WALL THICKNESS		WEIGHT		
		INCH	MM	LBS/FOOT	KG/METER	
610 750 30.000 762.0 36 900 36.000 914.4 40 1.000 40.000 42 1067 42.000 46 1168 46.000 48 1219 48.000 52 1321 52.000 56 1422 56.000 60 1524 60.000	30	30	0.562	14.27	140.68	209.37
		40	0.688	17.48	171.29	255.41
		60	0.969	24.61	238.35	355.26
		80	1.219	30.96	296.58	442.03
		100	1.531	38.89	367.39	547.71
		120	1.812	46.02	429.39	640.03
	40S	140	2.062	52.37	483.10	720.15
		160	2.344	59.54	542.13	808.22
		10	0.312	7.92	98.93	147.23
		STD 40S	0.375	9.53	118.65	176.58
		20	0.500	12.70	157.53	234.44
		30	0.625	15.88	196.08	292.18
		10	0.312	7.92	118.92	176.98
		STD 40S	0.375	9.53	142.68	212.34
		XS 80S	0.500	12.70	189.57	282.13
		STD	0.375	9.5	158.7	235.79
40S	10	0.500	12.7	210.93	314.22	
	20	0.750	19.1	314.39	469.55	
	STD	0.375	9.5	166.71	247.74	
	XS	0.500	12.7	221.61	330.19	
	10	0.750	19.1	330.41	493.57	
	STD	0.375	9.5	182.73	271.40	
	XS	0.500	12.7	242.97	361.82	
	10	0.750	19.1	362.45	541.14	
	STD	0.375	9.5	190.74	283.35	
	XS	0.500	12.7	253.65	377.79	
	10	0.750	19.1	378.47	565.16	
	STD	0.375	9.5	206.76	307.25	
	XS	0.500	12.7	275.01	409.74	
	10	0.750	19.1	410.51	613.20	
	STD	0.375	9.5	222.78	330.91	
	XS	0.500	12.7	296.37	441.37	
10	0.750	19.1	442.55	660.77		
STD	0.375	9.5	238.80	355.69		
XS	0.500	12.7	317.73	473.31		
10	0.750	19.1	474.59	708.82		

CARBON: A/SA106B•A/SA106C•A/SA53B•APISLB•AP15L X Grades

STAINLESS:
304•304L•304H•316•316L•316H•321/H•347/H•309•310•Alloy 20

ALLOY : /SA335 P1•P11•P22•P5•P9•P91

LOW TEMPERATURE : A/SA333 Grade 1/6•Grade 3

HIGH TECHNOLOGY : Alloy 800•825•600•625•400

ALLOYS : 6% Moly Grades•Duplex A790 UNS 31803 CU/NI 70/30•90/10

FITTINGS & FLANGES : To Match All Piping Products We Carry

NUCLEAR : ASME QSC 467

Please note the actual dimensions can vary from the figures and that the figures for weight and based on the following calculation for carbon steel pipe:

LB / Foot = (outside diameter — wall thickness) x (wall thickness) x (10.68)

KG / Meter = LBS/Foot x 1.48825

PT. WAHANA MANDIRI TEKNOLOGI

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