

SPAN
SUKHARAJAYA PERKAMPUSAN AIR NEGARA



IKRAM QA CERTIFICATION
Certification System: System 3



K-MARK
Product Certification Mark



PAU TATT WATER PIPE SDN BHD

The Manufacturer of Mild Steel Concrete Lining Pipes & Fittings



COMPANY BACKGROUND

Pau Tatt Water Pipe Sdn Bhd an established steel pipe and fittings manufacturer for the water transmission industry was formed in 1994 by two partners. Formerly known as Pau Tatt Sole Proprietor, the company grew and expanded over the numerous years and is now known as Pau Tatt Water Pipe Sdn Bhd.

Today the company stands tall with a total of 23 years experience and knowledge in the steel pipe and tube for water transmission industry. The company is well known for its integrity, excellent service and top quality product.

Pau Tatt Water Pipe Sdn Bhd manufactures steel pipes and fittings are in size range from 80mm to 2200mm. Our products conform to SPAN TS 21827; Part 1 & 2 : 2013, BS534, BS3600 : 1976, BS3601 : 1987. Our products are certified by IQCI (Ikram QA Certification & Certification Institute) and SPAN (Suruhanjaya Perkhidmatan Air Negara); a government recognized body for product certifications which are:

- Product Certification of Steel Pipes (EW)
- Product Certification of Steel Pipes Special (EW)
- Product Certification of Steel Pipes (SAW)
- Product Certification of Steel Pipes Special (SAW)

Pau Tatt Water Pipe Sdn Bhd is experiencing tremendous growth and expansion every year. The company's vision is to supply steel pipes and tubes not only to their existing customers, but to the Government and Private Sector on projects basis. Pau Tatt Water Pipe Sdn Bhd aims to be the leading quality steel pipes manufacturer in Malaysia.



SPECIFICATIONS

DIMENSIONS OF PIPES & FITTINGS TO SPAN TS 21827

NOMINAL DIAMETER		OUTSIDE DIAMETER	INTERNAL DIAMETER	STEEL SHELL THICKNESS	CEMENT LINING THICKNESS	TESTING PRESSURE	APPROXIMATE MASS		
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(bar)	STEEL SHELL (kg/m)	CEMENT LINING (kg/m)	BITUMEN WRAPPING (kg/m)
4	100	114.3	95.1	3.6	6	70	9.8	4.4	1.5
6	150	168.3	149.1	3.6	6	70	14.6	6.8	2.2
8	200	219.1	191.1	4.0	10	70	21.2	14.6	4.3
10	250	273.0	245.0	4.0	10	56	26.5	18.6	5.3
12	300	323.9	295.9	4.0	10	48	31.6	22.3	6.3
14	350	355.6	320.6	4.5	13	49	39.0	31.6	9.2
16	400	406.4	371.4	4.5	13	43	44.6	36.4	10.5
18	450	457.0	421.0	5.0	13	42	55.7	41.1	11.8
20	500	508.0	472.0	5.0	13	38	62.0	45.9	13.1
24	600	610.0	571.4	6.3	13	40	93.8	55.3	15.7
26	650	660.0	609.4	6.3	19	37	101.6	86.9	16.9
28	700	711.0	660.4	6.3	19	34	109.5	94.0	18.2
30	750	762.0	711.4	6.3	19	32	117.4	101.0	19.5
32	800	813.0	760.8	7.1	19	34	141.1	108.0	20.8
34	850	864.0	811.8	7.1	19	32	150.0	115.0	22.1
36	900	914.0	860.0	8.0	19	34	178.7	121.6	23.4
40	1000	1016.0	962.0	8.0	19	30	198.9	135.7	26.0
48	1200	1219.0	1161.0	10.0	19	32	298.1	163.2	31.2
56	1400	1422.0	1352.0	10.0	25	27	348.2	250.6	36.3
64	1600	1626.0	1554.0	11.0	25	26	438.1	287.4	41.5
72	1800	1829.0	1754.0	12.5	25	26	559.9	323.8	46.7
80	2000	2032.0	1953.6	14.2	25	27	706.6	360.1	51.8
88	2200	2235.0	2153.0	16.0	25	28	875.5	396.4	57.0
92	2300	2337.0	2255.0	16.0	25	26	915.8	415.0	59.6
96	2400	2438.0	2356.0	16.0	25	25	955.6	433.3	62.2
100	2500	2540.0	2455.0	17.5	25	27	1088.6	451.4	64.8
104	2600	2642.0	2557.0	17.5	25	26	1132.6	469.9	67.4
108	2700	2743.0	2658.0	17.5	25	25	1176.2	488.3	66.9

Note: Pipe sizes and dimensions other than stated above can be manufactured upon-request by the purchaser.

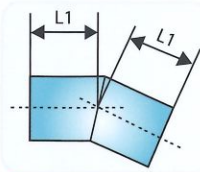
SPECIFICATIONS

DIMENSIONS OF PIPES & FITTINGS TO JKR STANDARD

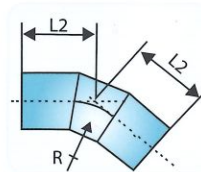
NOMINAL DIAMETER		OUTSIDE DIAMETER	INTERNAL DIAMETER	STEEL SHELL THICKNESS	CEMENT LINING THICKNESS	TESTING PRESSURE	APPROXIMATE MASS		
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(bar)	STEEL SHELL (kg/m)	CEMENT LINING (kg/m)	BITUMEN WRAPPING (kg/m)
4	100	121.9	93.7	4.1	10	70	11.9	7.5	2.4
6	150	177.3	149.1	4.1	10	70	17.5	11.6	3.5
8	200	232.2	204.0	4.1	10	70	23.1	15.6	4.5
10	250	286.0	257.8	4.1	10	70	28.5	19.5	5.5
12	300	345.4	313.8	5.8	10	70	48.6	23.6	6.7
14	350	399.3	361.7	5.8	13	63	56.3	35.5	10.3
16	400	453.1	415.5	5.8	13	56	64.0	40.6	11.7
18	450	507.0	469.4	5.8	13	50	71.7	45.7	13.1
20	500	560.3	522.7	5.8	13	45	79.3	50.7	14.4
24	600	667.0	628.0	6.5	13	42	105.9	60.7	17.1
26	650	692.0	651.2	7.4	13	47	124.9	62.9	17.8
28	700	754.0	701.2	7.4	19	43	136.2	99.6	19.3
30	750	804.0	751.2	7.4	19	40	145.4	106.5	20.6
32	800	854.0	801.2	7.4	19	38	154.5	113.5	21.9
34	850	904.0	851.2	7.4	19	36	163.6	120.4	23.2
36	900	954.0	901.2	7.4	19	34	172.7	127.3	24.4
40	1000	1054.0	1000.0	8.0	19	32	206.4	140.9	27.0
42	1050	1107.0	1050.0	9.5	19	31	257.1	147.9	28.3
44	1100	1157.0	1100.0	9.5	19	30	268.8	154.8	29.6
46	1150	1219.0	1150.0	9.5	25	28	283.3	213.9	31.2
48	1200	1270.0	1200.0	10.0	25	29	310.7	223.0	32.5
52	1300	1372.0	1300.0	11.0	25	29	369.2	241.2	35.1
56	1400	1472.0	1400.0	11.0	25	27	396.3	259.4	37.6
60	1500	1576.0	1500.0	13.0	25	30	501.1	277.6	40.2
64	1600	1676.0	1600.0	13.0	25	28	533.1	295.8	42.8
68	1700	1776.0	1700.0	13.0	25	26	565.2	314.0	45.3
72	1800	1876.0	1800.0	13.0	25	26	597.2	332.2	47.9
76	1900	1976.0	1900.0	13.0	25	24	629.3	350.4	50.4
80	2000	2088.0	2000.0	14.0	30	24	716.0	443.4	53.3
84	2100	2189.0	2100.0	14.5	30	24	777.5	465.2	55.8
88	2200	2290.0	2200.0	15.0	30	24	841.5	487.0	58.4

Note: Pipe sizes and dimensions other than stated above can be manufactured upon-request by the purchaser.

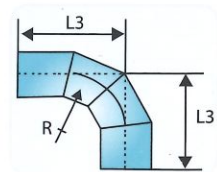
DIMENSIONS OF GUSSETED BENDS



Type 1:
Gusseted bend not more than 30°



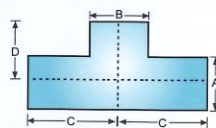
Type 2:
Gusseted bend over 30° up to 60°



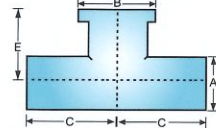
Type 3:
Gusseted bend over 60° up to 90°

OUTSIDE DIAMETER	TYPE 1	TYPE 2				TYPE 3	
	Not more than 30°	Over 30° to 45°		Over 45° to 60°		Over 60° to 90°	
mm	L1 mm	R mm	L2 mm	R mm	L2 mm	R mm	L3 mm
114.3	175	150	200	150	250	150	300
168.3	225	225	300	225	300	225	400
219.1	300	300	350	300	400	300	500
273.0	375	375	450	375	500	375	650
323.9	375	450	450	450	500	450	700
355.6	450	525	550	525	600	525	800
406.4	450	675	600	450	600	450	850
457.0	450	675	600	450	600	450	850
508.0	450	750	600	500	600	500	850
559.0	450	825	650	550	600	550	850
610.0	550	900	750	600	750	600	1000
660.0	550	975	750	600	750	600	1000
711.0	550	1050	800	700	750	700	1100
762.0	600	1125	850	750	850	750	1100
813.0	600	1200	850	800	850	800	1200
864.0	600	1275	850	850	850	850	1200
914.0	600	1350	900	900	900	900	1300
1016.0	750	1500	1100	1000	1100	1000	1500
1219.0	850	1800	1200	1200	1200	1200	1700
1420.0	850	2100	1300	1400	1300	1400	1900
1626.0	900	2400	1400	1600	1400	1600	2100
1829.0	900	2700	1500	1800	1500	1800	2200
2032.0	1000	3000	1600	2000	1600	2000	2500
2235.0	1000	3300	1700	2200	1700	2200	2600

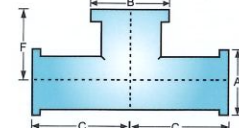
DIMENSIONS OF TEES



Plain End Tee



Off-Take Tee



All Flange Tee

BARREL		BRANCH			
OUTSIDE DIAMETER		OUTSIDE DIAMETER	0.5 time o.d. of Barrel 'A' plus		
A	C	B	D	E	F
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
114.3	270	114.3	200	100	130
168.3	290	168.3	200	110	140
219.1	370	219.1	250	110	150
273.0	410	273.0	250	130	160
323.9	450	323.9	250	130	160
355.6	530	355.6	300	150	200
406.4	600	406.4	300	150	230
457 to 711	1.5 times o.d. of branch 'B' But with a minimum of 0.5 times o.d. of barrel 'A'	457 to 711	300	200	300
762 to 914		762 to 914	380	300	300
1016 to 2235		1016 to 2235	380	380	380

Note: Other design of gusseted bend can be manufacture.

OUR PRODUCTS



Plain End Bend



Single Flange Bend



Double Flange Bend



Plain End Tee



Off Take Tee



All Flange Tee



Plain End Taper



Single Flange Taper



Double Flange Taper



Short Pipe



M.S Welding Collar



MSCL Pipe

PAU TATT WATER PIPE SDN BHD (600552-H)

LOT PT 35343, BATU 1 ½, JALAN BANGI LAMA, 43500 SEMENYIH, SELANGOR DARUL EHSAN.

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