

LSAW STEEL PIPE

LSAW large diameter steel pipe is a large steel pipe, usually over 508mm in diameter, which is made by coiling steel plate and then welding it axially in a straight line. The production process includes steel plate pre-treatment, JCOE forming, submerged arc welding, and expansion testing, and the use of multi-filament submerged arc welding ensures a high-strength weld seam. This type of steel pipe is mainly used for oil and gas transportation, water conservancy projects and large-scale infrastructure projects, such as submarine pipelines and bridge pile pipes. Compared with other steel pipes, it has the advantages of strong pressure-bearing capacity, high dimensional accuracy, high material utilization, and can achieve 50-year service life through anti-corrosion treatment.



- Outside Diameter: $\Phi 406\text{mm} - 1524\text{mm}$ (16" - 60")
- Wall Thickness: 6.0 - 60mm (1/4" - 3")
- Quality Standards: API、ISO、EN、ASTM、DIN
JIS、GB、CSA、GOST
- Length: 3 - 12.5m (10'- 40')
- Coating: Bare, Black painted, FBE, 3LPE, 3LPP, or as per client requirements

Specification

DIAMETER		NOMINAL WALL THICKNESS															
mm	inch	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	18.0	20.0	22.0	25.0	30.0
Unit length weight (kg/m)																	
406.40	16.00	59.25	68.95	78.60	88.20	97.76	107.26	116.72									
426.00		62.14	72.33	82.46	92.55	102.59	112.58	122.51									
457.00	18.00	66.73	77.68	88.58	99.44	110.24	120.99	131.69									
478.00		69.84	81.30	92.72	104.09	115.41	126.69	137.90									
508.00	20.00	74.28	86.49	98.65	110.75	122.81	134.82	146.79	158.69	170.56							
529.00		77.38	90.11	102.78	115.40	127.99	140.52	152.99	165.43	177.80							
559.00	22.00	81.82	95.29	108.70	122.07	135.38	148.65	161.88	175.04	188.17							
610.00	24.00	89.37	104.10	118.77	133.39	147.97	162.48	176.97	191.40	205.78	220.09	234.37					
630.00		92.33	107.54	122.71	137.83	152.90	167.92	182.89	198.81	212.68	227.49	242.26					
660.00	26.00	96.77	112.73	128.63	144.48	160.30	176.05	191.77	207.43	223.04	238.59	254.10	284.97	315.65			
711.00	28.00	104.32	121.53	138.70	155.81	172.88	189.89	206.86	223.78	240.65	257.47	274.24	307.61	340.80			
720.00		105.65	123.09	140.47	157.81	175.10	192.35	209.52	226.66	243.75	260.80	277.79	311.60	345.24			
762.00	30.00	111.86	130.34	148.76	167.13	185.45	203.73	221.95	240.13	258.26	276.33	294.36	330.25	365.95			
813.00	32.00	119.41	139.14	158.82	178.45	198.03	217.56	237.05	256.48	275.86	295.20	314.48	352.88	391.11			
820.00		120.45	140.35	160.20	180.00	199.76	219.46	239.12	258.73	278.28	297.79	317.25	355.99	394.56			
864.00	34.00		147.94	168.88	189.77	210.61	231.40	252.14	272.83	293.47	314.06	334.61	375.52	416.26			
914.00	36.00			178.75	200.87	222.94	244.96	266.94	288.86	310.73	332.56	354.34	397.72	440.92			
920.00				179.93	202.20	224.42	246.59	268.70	290.78	312.79	334.78	356.68	400.38	443.88			
965.00	38.00			188.81	212.19	235.52	258.80	282.03	305.21	328.34	351.43	374.46	420.35	466.07			
1016.00	40.00			198.87	223.51	248.09	272.63	297.12	321.56	345.95	370.29	394.58	443.02	491.23	539.26		
1020.00				199.66	224.39	249.08	273.72	298.31	322.84	347.33	371.77	396.16	444.77	493.20	541.43		
1067.00	42.00			208.93	234.83	260.67	286.47	312.21	337.91	363.56	389.16	414.71	465.66	516.38	566.93		
1118.00	44.00			218.99	246.15	273.25	300.30	327.31	354.26	381.17	408.02	434.83	488.30	541.53	594.60		
1168.00	46.00			228.86	257.24	285.58	313.87	342.10	370.29	398.43	426.52	454.56	510.49	566.19	621.73		
1219.00	48.00			238.92	268.56	298.16	327.70	357.20	386.64	416.04	445.39	474.68	533.13	591.35	649.40		
1220.00				239.12	268.79	298.40	327.79	357.49	386.96	416.38	445.76	475.08	535.58	591.84	649.94		
1321.00	52.00				291.20	323.31	327.79	387.38	419.34	451.26	483.12	514.93	578.41	641.65	704.73		
1420.00						347.72	355.37	416.66	451.08	485.41	519.74	553.96	622.32	690.52	758.44	860.02	1028.32
1422.00	56.00					348.22	382.23	417.27	451.72	486.13	520.48	554.79	623.25	691.51	759.58	861.25	1029.80
1524.00	60.00						373.38	410.44	447.46	484.43	521.34	558.21	595.03	668.52	741.82	814.91	924.13
1620.00							397.03	436.48	457.84	515.20	554.46	593.73	623.87	711.11	789.12	867.00	983.32
																	1176.28



production process

LSAW STEEL PIPE PRODUCTION PROCESS LSAW钢管生产工艺

