

WELDED PIPE

Standard	ERW Pipe	SSAW Pipe	LSAW Pipe	Hollow Sections	Galvanized Pipe
API	5L, 5CT	5L	5L(psl-1/psl-2),2B		
GB	9711.1 9711.2	9711.1 9711.2	9711.1 9711.2	6728	3091
ASTM	ASTMA53	ASTMA53	A671,A672	ASTMA500	ASTMA53
BS					1387

LSAW PIPE

WT	OD	18	20	22	24	28	30	32	34	36	38	40	42	44	48	50	52	56	in
		457.2	508	558.8	609.6	711.2	762	812.8	863.6	914.4	965.2	1016	1066.8	1117.6	1219.2	1270	1320.8	1422.4	mm
0.312	7.92	87.75	97.67	107.59	117.51	137.36	147.28	157.20	167.12	177.04	186.96	196.89	206.81	216.73	236.57	246.49	256.41	276.26	API5L Gr.B- X80
0.375	9.53	105.21	117.15	129.08	141.02	164.90	176.84	188.78	200.71	212.65	224.59	236.53	248.47	260.41	284.28	296.22	308.16	332.04	
0.438	11.13	122.43	136.37	150.32	164.26	192.15	206.09	220.03	233.97	247.92	261.86	275.80	289.75	303.69	331.57	345.52	359.46	387.35	
0.500	12.70	139.21	155.12	171.03	186.94	218.76	234.67	250.58	266.49	282.40	298.31	314.22	330.13	346.03	377.85	393.76	409.67	441.49	
0.562	14.27	155.87	173.74	191.62	209.50	245.25	263.12	281.00	298.88	316.75	334.63	352.51	370.38	388.26	424.01	441.89	459.77	495.52	
0.594	15.09	164.52	183.42	202.33	221.23	259.04	277.94	296.84	315.75	334.65	353.55	372.46	391.36	410.27	448.07	466.98	485.88	523.69	
0.625	15.86	172.82	192.71	212.61	232.50	272.29	292.18	312.07	331.97	351.86	371.75	391.65	411.54	431.43	471.22	491.11	511.01	550.79	
0.688	17.48		211.44	233.34	255.24	299.03	320.93	342.83	364.73	386.62	408.52	430.42	452.32	474.21	518.01	539.91	561.80	605.60	
0.750	19.05		229.70	253.56	277.42	325.15	349.02	372.88	396.75	420.61	444.48	468.34	492.20	516.07	563.80	587.66	611.53	659.26	
0.812	20.62		247.83	273.66	299.49	351.15	376.98	402.81	428.65	454.48	480.31	506.14	531.97	557.80	609.46	635.30	661.13	712.79	
0.875	22.23		266.30	294.14	321.99	377.69	405.54	433.38	461.23	489.08	516.93	544.78	572.62	600.47	656.17	684.02	711.87	767.56	
0.969	24.61		293.36	324.19	355.02	416.68	447.51	478.34	509.17	540.00	570.83	601.66	632.49	663.32	724.98	755.81	786.64	848.29	
1.000	25.40		302.28	334.10	365.92	429.56	461.38	493.20	525.02	556.84	588.66	620.48	652.30	684.11	747.75	779.57	811.39	875.03	
1.094	27.79				398.72	468.34	503.16	537.97	572.78	607.60	642.41	677.22	712.04	746.85	816.47	851.29	886.10	955.73	
1.219	30.96				441.78	519.35	558.13	596.91	635.70	674.48	713.27	752.05	790.84	829.62	907.19	945.97	984.76	1062.33	
1.500	38.10					632.41	680.14	727.87	775.60	823.32	871.05	918.78	966.51	1014.24	1109.70	1157.43	1205.16	1300.61	
1.625	41.28						733.67	785.38	837.09	888.81	940.52	992.23	1043.94	1095.66	1199.08	1250.79	1302.51	1405.93	
1.750	44.45							842.22	897.90	953.58	1009.27	1064.95	1120.64	1176.32	1287.69	1343.37	1399.05	1510.42	
1.781	45.24							856.30	912.98	969.65	1026.32	1083.00	1139.67	1196.34	1309.69	1366.36	1423.04	1536.39	
1.812	46.02									985.48	1043.13	1100.78	1158.44	1216.09	1331.39	1389.04	1446.69	1561.99	
1.875	47.63										1077.74	1137.40	1197.07	1256.74	1376.07	1435.74	1495.41	1614.74	
2.00	50.80											1209.13	1272.77	1336.41	1463.69	1527.33	1590.96	1718.24	
in	mm	Single seam															Single seam or double seams		

1、Product specification:

O.D.: $\Phi 457.2 \sim \Phi 1422.4\text{mm}$ (16-56in) Length: 3~12.3m

W.T.: 8~50mm(apply to simple carbon steel, Low carbon alloy steel); 8-26.4mm(0.315-1.04in) (apply to X70 and above.)

Product standards: ISO3183、API Spec 5LPSL2、API Spec 2B、GB/T9711 etc.

Annual output: 150000 tons

2、Application:

The pipes are mainly used as long distance transportation pipeline for oil, gas, liquid coal etc. on land and offshore. And also can be applied as construction pipes on offshore platform, power station, petrochemistry and city construction etc.

3、Characteristics:

- ◆ The pipe internal stress is very small and uniformly distributed after the full-length expansion. The corrosion and cracking of the pipe owing to stress can be effectively prevented. The application of welding on site is very easy because of the high dimension precision;
- ◆ The inside and outside welding are performed after the tack welding, so the welding process is very stable with good weld quality;
- ◆ The NDT is easy to perform on the weld during production and field operation as well;
- ◆ The length of the weld is shorter than that of the non-longitudinal seam pipe, so the probability of defects occurrence is very low;
- ◆ The coverage of the pipe specification is very wide. The pipe can be either in large diameter with thick wall or in small diameter with thick wall.

PROCESS FLOW CHART

