

STAINLESS STEEL WELDED PIPE

Description

This specification covers Stainless Steel Welded Pipe used in process piping applications as determined by Engineering as a function of what is being transported in the system, pressure ratings, temperature of material and line pressure.

Specifications

Stainless Steel Welded Pipe manufactured in Schedules 10 and 40 by Sun Mark Stainless in Gujarat, India and furnished by Merit Brass Co. shall conform to specifications ASTM A312/ ASME SA312.

O.D.	0.84 in. to 12.75 in.
Nominal Pipe Size	1/2" - 12" & 16"
Wall Thickness	0.083 to 0.188 (sch 10)
	0.109 to 0.375 (sch 40)
Length	20 ft.
Process Features	Solution Annealed - Pickled & Passivated

Project Information	Approval Stamp
Project Name:	Approved
Project Location:	Approved As Noted
Project Contractor:	Not Approved
Project Engineer:	Remarks:
Project Distributor:	
Project Rep:	
Submittal Date:	
Notes 1:	
Notes 2:	

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STAINLESS STEEL WELDED PIPE

Nominal Pipe Size (In)	Outside Diameter (O.D.)	Type 304-10 Welded	Type 316-10 Welded	Schedule 10	
				Wall	WT.
1/8"	0.405	—	—	0.049	0.19
1/4"	0.540	—	—	0.065	0.33
3/8"	0.675	—	—	0.065	0.43
1/2"	0.840	I5708	I7708	0.083	0.68
3/4"	1.050	I5712	I7712	0.083	0.87
1"	1.315	I5716	I7716	0.109	1.42
1-1/4"	1.660	I5720	I7720	0.109	1.82
1-1/2"	1.900	I5724	I7724	0.109	2.10
2"	2.375	I5732	I7732	0.109	2.66
2-1/2"	2.875	I5740	I7740	0.120	3.56
3"	3.500	I5748	I7748	0.120	4.37
3-1/2"	4.000	I5756	I7756	0.120	5.02
4"	4.500	I5764	I7764	0.120	5.67
5"	5.563	I5780	I7780	0.134	7.84
6"	6.625	I5796	I7796	0.134	9.38
8"	8.625	I57128	I77128	0.148	13.52
10"	10.750	I57160	I77160	0.165	18.83
12"	12.750	I57192	I77192	0.180	24.39
16"	16.000	—	—	0.188	32.30

Nominal Pipe Size (In)	Outside Diameter (O.D.)	Type 304-40 Welded	Type 316-40 Welded	Schedule 40	
				Wall	WT.
1/8"	0.405	P5002	P7002	0.068	0.25
1/4"	0.540	P5004	P7004	0.089	0.43
3/8"	0.675	P5006	P7006	0.091	0.57
1/2"	0.840	P5008	P7008	0.109	0.86
3/4"	1.050	P5012	P7012	0.113	1.14
1"	1.315	P5016	P7016	0.133	1.69
1-1/4"	1.660	P5020	P7020	0.14	2.29
1-1/2"	1.900	P5024	P7024	0.145	2.74
2"	2.375	P5032	P7032	0.154	3.69
2-1/2"	2.875	P5040	P7040	0.203	5.85
3"	3.500	P5048	P7048	0.216	7.65
3-1/2"	4.000	P5056	P7056	0.226	9.19
4"	4.500	P5064	P7064	0.237	10.89
5"	5.563	P5080	P7080	0.258	14.75
6"	6.625	P5096	P7096	0.28	19.15
8"	8.625	P50128	P70128	0.322	28.83
10"	10.750	P51160	P71160	0.365	40.86
12"	12.750	P51192	P71192	0.375	50.03
16"	16.000	P51256	P71256	0.375	63.58

LOCATIONS

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