

BRISMET

BRISTOL METALS, LLC

Specifications

STAINLESS STEELS					
ALLOY	UNS#	SPECIFICATION(S)	ALLOY	UNS#	SPECIFICATION(S)
AL 611	S30601	A999	309H	S30909	A312, A358
304	S30400	A312, A358, A409	309S	S30908	A312, A358
304H	S30409	A312, A358	310H	S31009	A312, A358
304L	S30403	A312, A778, A358, A409	310S	S31008	A312, A358
316	S31600	A312, A358	321	S32100	A312, A778, A358
316H	S31609	A312, A358	321H	S32109	A312, A358
316L	S31603	A312, A778, A358	347	S34700	A312, A778, A358
317	S31700	A312, A358	347H	S34709	A312, A358
317L	S31703	A312, A778, A358	348	S34800	A312, A358
317LMN	S31726	A312, A358	348H	S34809	A312, A358
DUPLEX STAINLESS					
2205	S31803	A790, A928	2102®	S82011	A790
2205	S32205	A790, A928	2304™	S32304	A790, A928
2507	S32750	A790, A928	ZERON®100	S32760	A790, A928
F255	S32550	A790, A928			
6 MOLY GRADES					
AL-6XN®	N08367	A312, A358, B675, B804	25-6MO	NO8926	A312, A358, B673, B804
254 SMO®	S31254	A312, A358	1925hMo	NO8926	A312, A358, B673, B804
NICKEL ALLOY GRADES					
200	N02200	B725, B474	825	N08825	B705, B474
201	N02201	B725, B474	ALLOY 20	N08020	B464, B474, A358
400	N04400	B725, B474	ALLOY 59	N06059	B619
600	N06600	B517, B474	B-2	N10665	B619, B474
601	N06601	B474	C-22®	N06022	B619, B474
625	N06625	B705, B474	C276	N10276	B619, B474
686	N06686	B619	G-3	N06985	B619, B474
800	N08800	B514, A358, A312	G-30	N06030	B619, B474
800H	N08810	B514, A358, A312	904L	N08904	A312, A358
800HT	N08811	A312, A358, B515 (Tubing)			
TITANIUM					
TiGr7	R52400	B862	TiGr2	R50400	B862
REGISTERED TRADEMARKS					
AL-6XN & 2102.....Allegheny Ludlum Corp.					
FerraliumLangley Alloys Ltd.					
RA Grades & Zeron®100.....Rolled Alloys, Inc.					
Cold Working of the weld bead is now offered on 1/2" - 36" NPS pipe & all tubing					

Sizes

PIPE SCHEDULES & WEIGHTS THICKNESSES PRODUCED BY BRISTOL METALS, LLC ARE HIGHLIGHTED

SCHEDULE	5S	10S	40S	80S	10	20	30	40	60	80	100	120	140	160	STD	XS	XXS
Size O.D.	WALL/In Lbs./Ft																
1/2"	0.065	0.083	0.109	0.147			0.095	0.109		0.147				0.188	0.109	0.147	0.294
0.840	0.54	0.68	0.86	1.10			0.76	0.86		1.10				1.32	0.86	1.10	1.73
3/4"	0.065	0.083	0.113	0.154			0.095	0.113		0.154				0.219	0.113	0.154	0.308
1.050	0.69	0.87	1.14	1.49			0.98	1.14		1.49				1.96	1.14	1.49	2.46
1"	0.065	0.109	0.133	0.179			0.114	0.133		0.179				0.250	0.133	0.179	0.358
1.315	0.88	1.42	1.69	2.19			1.48	1.69		2.19				2.87	1.69	2.19	3.69
1 1/4"	0.065	0.109	0.140	0.191			0.117	0.140		0.191				0.250	0.140	0.191	0.382
1.660	1.12	1.82	2.29	3.02			1.95	2.29		3.02				3.80	2.29	3.02	5.26
1 1/2"	0.065	0.109	0.145	0.200			0.125	0.145		0.200				0.281	0.145	0.200	0.400
1.900	1.29	2.10	2.74	3.67			2.39	2.74		3.67				4.90	2.74	3.67	6.47
2"	0.065	0.109	0.154	0.218			0.125	0.154		0.218				0.344	0.154	0.218	0.436
2.375	1.62	2.66	3.69	5.07			3.03	3.69		5.07				7.53	3.69	5.07	9.11
2 1/2"	0.083	0.120	0.203	0.276			0.188	0.203		0.276				0.375	0.203	0.276	0.552
2.875	2.50	3.56	5.85	7.73			5.45	5.85		7.73				10.11	5.85	7.73	13.82
3"	0.083	0.120	0.216	0.300			0.188	0.216		0.300				0.438	0.216	0.300	0.600
3.500	3.06	4.37	7.65	10.35			6.71	7.65		10.35				14.46	7.65	10.35	18.76
3 1/2"	0.083	0.120	0.226	0.318			0.188	0.226		0.318					0.226	0.318	
4.000	3.50	5.02	9.19	12.62			7.73	9.19		12.62					9.19	12.62	
4"	0.083	0.120	0.237	0.337			0.188	0.237		0.337		0.438		0.531	0.237	0.337	0.674
4.500	3.95	5.67	10.89	15.12			8.74	10.89		15.12		19.18		22.72	10.89	15.12	27.80
5"	0.109	0.134	0.258	0.375			0.258			0.375		0.500		0.625	0.258	0.375	0.750
5.563	6.41	7.84	14.75	20.97			14.75			20.97		27.29		33.27	14.75	20.97	38.91
6"	0.109	0.134	0.280	0.432			0.280			0.432		0.562		0.719	0.280	0.432	0.864
6.625	7.66	9.38	19.15	28.84			19.15			28.84		36.73		45.78	19.15	28.84	53.66
8"	0.109	0.148	0.322	0.500		0.250	0.277	0.322	0.406	0.500	0.594	0.719	0.812	0.906	0.322	0.500	0.875
8.625	10.01	13.52	28.82	43.79		22.57	24.93	28.82	35.97	43.79	51.43	61.28	68.39	75.39	28.82	43.79	73.10
10"	0.134	0.165	0.365	0.500		0.250	0.307	0.365	0.500	0.594	0.719	0.844	1.000	1.125	0.365	0.500	1.000
10.750	15.34	18.83	40.86	55.25		28.30	34.56	40.86	55.25	65.03	77.75	90.13	105.11	116.73	40.86	55.25	105.11
12"	0.156	0.180	0.375	0.500		0.250	0.330	0.406	0.562	0.688	0.844	1.000	1.125	1.312	0.375	0.500	1.000
12.750	21.18	24.39	50.03	66.03		33.69	44.18	54.03	73.84	89.46	108.32	126.67	140.98	161.77	50.03	66.03	126.67
14"	0.156	0.188	*	**	0.250	0.312	0.375	0.438	0.594	0.750	0.938	1.094	1.250	1.406	0.375	0.500	
14.000	23.28	27.99	*	**	37.06	46.04	55.08	64.03	85.84	107.13	132.08	152.20	171.81	190.88	55.08	72.77	
16"	0.165	0.188	*	**	0.250	0.312	0.375	0.500	0.656	0.844	1.031	1.219	1.438	1.594	0.375	0.500	
16.000	28.17	32.05	*	**	42.45	52.76	63.16	83.55	108.51	137.89	166.37	194.23	225.73	247.54	63.16	83.55	
18"	0.165	0.188	*	**	0.25	0.312	0.438	0.562	0.75	0.938	1.156	1.375	1.562	1.781	0.375	0.5	
18.000	31.72	36.10	*	**	47.84	59.49	82.92	105.65	139.47	172.52	209.9	246.42	276.79	311.39	71.25	94.33	
20"	0.188	0.218	*	**	0.250	0.375	0.500	0.594	0.812	1.031	1.281	1.500	1.750	1.969	0.375	0.500	
20.000	40.15	46.49	*	**	53.23	79.33	105.11	124.26	167.96	210.82	258.49	299.15	344.29	382.72	79.33	105.11	
24"	0.218	0.250	*	**	0.250	0.375	0.562	0.688	0.969	1.219	1.531	1.812	2.062	2.344	0.375	0.500	
24.000	55.89	64.01	*	**	64.01	95.50	142.00	172.90	240.58	299.36	370.83	433.41	487.65	547.21	95.50	126.67	
30"	0.250	0.312	*	**	0.312	0.500	0.625								0.375	0.500	
30.000	80.18	99.85	*	**	99.85	159.01	197.91								119.76	159.01	
36"					0.312	0.500	0.625	0.750							0.375	0.500	
36.000					120.03	191.35	238.34	285.00							144.01	191.35	

60' LENGTHS

48' LENGTHS

20' LENGTHS

10' LENGTHS

* SEE STD WALL

** SEE XS WALL

20' LENGTHS HEAVY WALL OPS

10' LENGTHS HEAVY WALL OPS

OTHER PIPE SIZES AND WALLS PRODUCED THICKNESSES PRODUCED BY BRISTOL METALS, LLC ARE HIGHLIGHTED

Wall Thickness (inches)	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
OD	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
26"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
28"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
30"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
32"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
36"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
38" - 44"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000
48" - 96"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500		

Nominal Pipe Weight (Lb/ft)=(OD-wall) X wall X 10.78

OTHER SIZES AVAILABLE ON REQUEST



www.brismet.com

1 (423) 989-4700

email: sales@brismet.com

PO Box 1589 Bristol, Tennessee 37621 USA