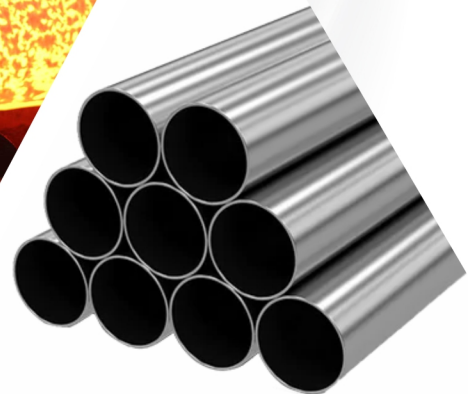




Stainless Steel Pipe



STRONG
RELIABLE &
EFFICIENT

2026
Product
Catalogue



ABOUT US

Ravi Seamless Pipes India Pvt. Ltd. is a leading manufacturer of High Quality Stainless Steel Welded Pipes & Tubes with the manufacturing facilities at Hisar, Haryana (India). A team of technically qualified and well experienced personnel ensure the production and supply of best materials.

The plant is well equipped with latest machines and in house testing facilities to produce over 30,000 M.T. per annum of stainless steel tubes and pipes. The products meet a higher standard, set by stringent quality specification and norms. All process parameters through out the entire manufacturing process. The quality policy of RSPIPL is to perform work of the highest attainable quality in accordance with applicable codes, standards, customers's specifications



Ravi Seamless is having the facility of TIG welded pipes and tubes from flat-rolled strip by an automatic welding process. The strip are passed through different sets of rollers at the recommended speed in accordance with thickness of the strip. The rollers form the pipe and they are welded by TIG process where there is a Tungsten electrode and electrical supply is given to the electrode and the strip edge. There is a supply of Argon and Hydrogen gas of different composition at controlled flow rate. For specific application the outside weld bead is ground smooth to face and inside weld bead rolled flat.



Manufacturing Standard followed:

ASTM/ASME-249, 269, 312, 688 DIN

17455, 17457 EN-10217-7,

Grade : TP-304, 304L, 304H, 316, 316L

316H, 321, 347, 310-904L

Dublex UNS-S32760, S31803, S31500

Austatic : Ferritic Martenrtic Steel

Application:

Heat Exchanger * Sugar Pan * Evaporator *
Pipeline

BEAD REMOVAL TUBE

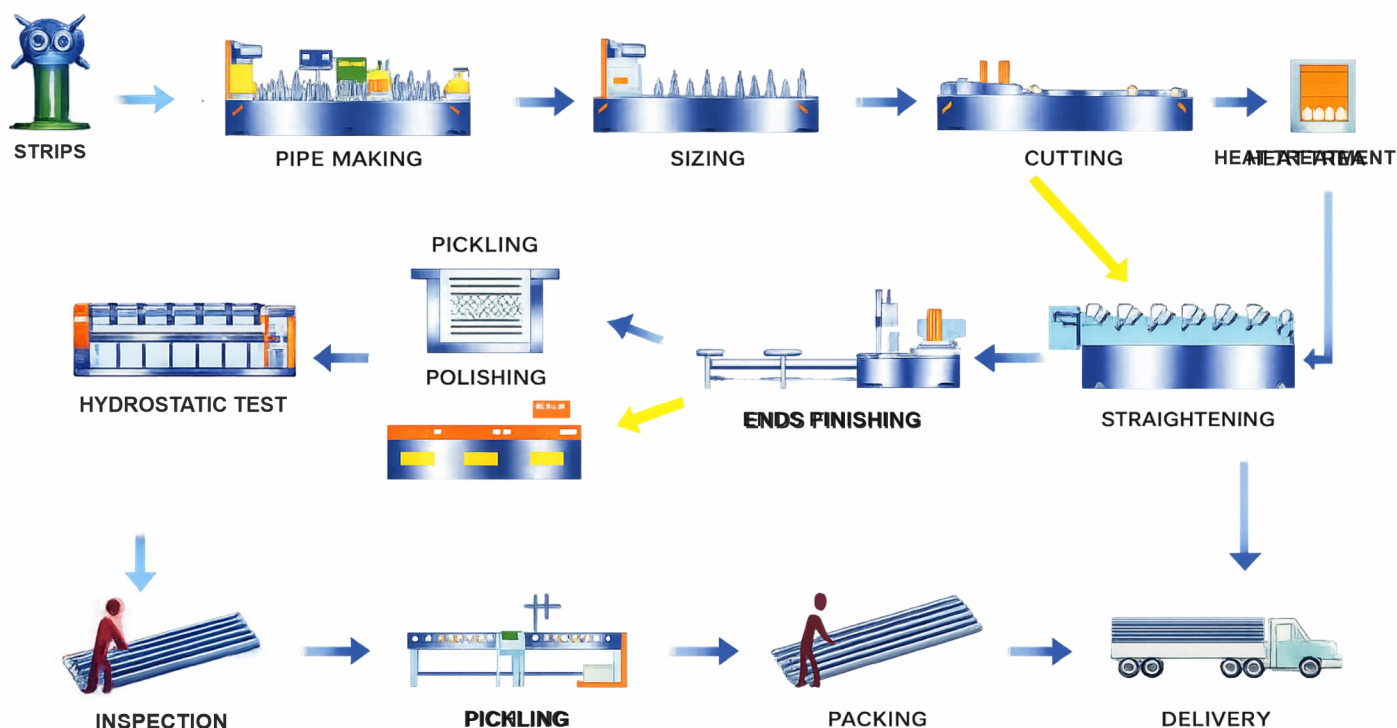
1. Bead removal is done as per the requirement of standard specification.
2. Bead is cold worked and brought in level with the base metal.
3. Bead rolling is made in-line before heat treatment on tube mill.
4. Weld structure will thereby re-crystallise and homogenize faster in annealing process.
5. Which improve corrosion resistance.
6. Which improves easy expansion in tube sheets and orbital welding.
7. Which improves easy flow and easier cleaning and less scale deposits.



QUALITY ASSURANCE PLAN

SR. NO.	PROCESSING DESCRIPTION	REF DOCUMENTS STANDARDS	CHARACTERISTICS TO BE CHECKED	SAMPLE SIZE QUORUM OF INSPECTION	INSTRUMENT & EQUIPMENT USED FOR TESTING	ACCEPTANCE CRITERIA
(A) Incoming Raw Materials						
1	S.S. Coils/Pipes	Purchase Order/ Specifications	*Dimensions *T.C. Verification/ Lab test Report (If Required) *Packing Condition "Weight *Defects if any	1. Sample/Heat	Vernier Micrometer volumetric & Gravimetric, UIN 40-T Testing Machine Brinnels/Rockwell Tester Make "sarij"	Confirm To Specifications-100%
(A) Incoming Raw Materials						
2	Tube forming & welding	As per W.O. / Specification	*Dimensions Check: Diameter (Ovality) X Length X Thickness *Welding quality Welding defects:	3. Samples / each Call	Universal testing machine UIN 40-T Make *Saroj* Microscope & Visual. Vernier Micrometer & Measure Tape.	Dimensions acceptance as per order and other. *Confirm to standard samples or as per Customer Satisfaction
3	Annealing	Temperature as per ASTM Standard	* Temperature * Hardness * Cooling * Water Quenching	1 Sample per Lot/ Sample per heat	Universal testing machine UIN 40-T Make *Saroj* Microscope & Visual. Vernier Micrometer & Measure Tape.	Dimensions acceptance as per order and other. *Confirm to standard samples or as per Customer Satisfaction
4	Straightening	Straightening as per Specification	Check straightening of Pipe/ Tube	First 2 Pipes of each size lot	Roller Straitening machine Straightness edge / Keep on table, Micrometer, Visual Observation	Straightening as per Spcification / Standard Sample
5	End Facing / Squaring	As per requirement Squaring / Bevelling	* Burr Free * Squaring / Bevelling Withb proper vee Shape	100 % Visual inspection	Abrasive cut-of Machine, Masure Tape.	Conform to requirement
6	Hydrostatic Testing	As Per ASTM Standard	* Leakage	100 %	High Pressureb Pump 240 Kg. / Cm ²	NO LEAKAGE
7.	Pickling	As per requirement	* Scale removing Inside / Outside	100 % (or) as per ASTM	Visual Observation	Confirm to Requirements
8.	Final Inspection Physical / Chemical Testing:	As Per applicable Standard	Visual, Dimension, Physical and Chemical	100 % (or) as per ASTM	Condensor, Chemicals, Hot Plate, Micrometer / Vernier. Universal Testing Machine UIN-40T Molly detector & Carbon Sampling at random Spectro / wet method.	Confirm to Requirements
9.	Marketing (as per customer requirement / Standard marking)	As per requirement	* Spell Check, * Details Verification	100% Confirm on first two sample and continue	inkjet machine / Electro ETCH Co-relation of Heat No. Size Grade etc. wit Test Certificate.	Confirm to Requirements
10.	Packing & Delivery	As per Customer Requirements	Packing Quality/ Tughtness of packing	100% Confirm to requirements and release for delivery	Box Crate, Polythene Hessian	Packing confirm To Customer requirements

FLOW CHART



PRODUCT APPLICATION

- | | |
|--|-----------------------|
| 1. Chemical & Fertilizes | 1. Instrumentation |
| 2. Pulp & Paper | 2. Evaporators |
| 3. Pharmaceutical | 3. Heating Elements |
| 4. Food | 4. Fluid Piping |
| 5. Railway Coaches | 5. Digesters |
| 6. Petrochemical & Refinery | 6. Exhaust |
| 7. Refrigeration | 7. Pippings |
| 8. Oil & Gas | 8. Heat Exchangers |
| 9. Desalination | 9. Pumps |
| 10. Sugar | 10. Valves Condensers |
| 11. Decorative | |
| 12. Automobile | |
| 13. Dairy | |
| 14. Power industries | |
| 15. Breweries | |
| 16. Synthetic Fibers | |
| 17. Pipe lines | |
| 18. Pesticides | |
| 19. Furniture Industry Ornamental Industry | |

QUALITY POLICY

All products of "RSPIPL" have to meet a very high standard, set by stringent quality specifications and norms. All process parameters and conditions are developed and constantly monitored throughout the entire manufacturing process.

The quality policy of Ravi Seamless Pipes India Pvt. Ltd. is to perform work of the highest attainable quality in accordance with applicable codes / standards / specifications and customers specification. Our products are subjected to various quality testing such as Hydrostatic test. UTM Hardness test, Air under water test. Dimensional test, visual test etc.

ASTM STANDARD

Condensed ASTM Specification for stainless steel Tubes & Pipes

Specification		Allowable Outside Diameter Variations in mm				Allowable Wall Thickness Variations				Exact Length	Testing
ASTM A-213	UNDER 25.40	0.10	0.10	+20	-0	3.17	0				
Seamless	25.4-38.1 Incl.	0.15	0.15	+20	-0	3.17	0				
Boiler,	38.10-50.80 excl.	0.20	0.20	+22	-0	3.17	0				
Super heater	50.8-63.5 excl.	0.25	0.25	+22	-0	3.73	0				
and Heat	63.50-76.20 excl.	0.30	0.30	+22	-0	4.76	0				
Exchanger Tubes	76.20-101.60 Incl	0.38	0.38	+22	-0	4.76	0				
		Over	Under	Over%	Under%	Over%	Under%				
ASTM A-249	Diameter UNDER 25.4	0.10	0.10	+10	-10	3.17	0				
Welded Boiler	25.4-38.1 Incl.	0.15	0.15	+10	-10	3.17	0				
Super heater	38.1-50.8 excl.	0.20	0.20	+10	-10	3.17	0				
Heat	38.1-50.8 excl	0.25	0.25	+10	-10	4.76	0				
Exchanger and	50.8-63.5 excl.	0.30	0.30	+10	-10	4.76	0				
Condenser	63.5-76.2 excl.	0.30	0.30	+10	-10	4.76	0				
Tubes	76.2-101.6 Incl.	0.36	0.36	+10	-10	4.76	0				
ASTM A-269	Upto 12.7	0.13	0.13	+15	-15	3.2	0				
Seamless &	12.7-38.1 excl.	0.13	0.13	+10	-10	3.2	0				
Welded Tubing	38.1-88.9 excl.	0.25	0.25	+10	-10	4.8	0				
for General	88.9-139.7excl	0.38	0.38	+10	-10	4.8	0				
Service	139.7-203.2excl.	0.76	0.76	+10	-10	4.8	0				
	13.70-48.3 Incl.	0.40	0.79	Minimum		6.4	0				
ASTM A-312	48.3-114.3 Incl.	0.79	0.79	Wall +12.5%		6.4	0				
Seamless &	114.3- 220 Incl.	1.60	0.79	under nominal		6.4	0				
Welded Pipe				Wall Specified							
ASTM A-358	For all Size 5" NB & Above	+0.5%	-0.5%	-0.3mm		Customers					
Welded Pipe						Specification					
for High											
Temperature											
Service											
ASTM A-554	Upto 5" 127mm	0.1	0.1	+10	-10%	1.6	0				
Mechanical		to	to			to					
Steel Tubing		0.5	0.5			4.88					

Transvers Tension Test
Transvers guided bend
Test, Hydrostatics Test,
radiographic penetrate
(optional)

As Per
Customer
Requirement

SIZE

Tube Dimensions

Wall Thickness In mm. O.D.	0.5	0.6	0.7	0.8	1.0	1.2	1.6	2.0	2.6	3.0	3.2	3.6
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In mm.	Weight in K/meter											
6.0	0.069	0.081	0.093	0.104	0.125	0.144	.0176	-	-	-	-	-
9.52	0.112	0.134	0.154	0.174	0.213	0.249	0.317	-	-	-	-	-
10.0	0.119	0.141	0.163	0.184	0.225	0.264	0.336	-	-	-	-	-
12.7	0.153	0.182	0.210	0.238	0.293	0.345	0.444	-	-	-	-	-
14.0	0.169	0.201	0.233	0.264	0.325	0.384	0.496	-	-	-	-	-
15.87	0.192	0.229	0.266	0.301	0.372	0.440	0.571	-	-	-	-	-
19.05	0.231	0.276	0.320	0.364	0.450	0.534	0.696	0.850	1.066	1.200	1.264	-
25.0	0.306	0.366	0.425	0.484	0.600	0.714	0.936	1.150	1.456	1.1650	1.744	1926
25.4	0.311	0.372	0.432	0.492	0.610	0.726	0.952	1.170	1.482	1.680	1.776	1.962
31.75	-	0.467	0.545	0.620	0.771	0.918	1.028	1.490	1.898	2.160	2.288	2.538
38.1	-	0.565	0.660	.0750	0.930	1.104	1.456	1.800	2.301	2.625	2.784	3096
44.5	-	0.660	0.769	0.870	1.088	1.299	1.716	2.215	2.724	3.113	3.304	3.681
50.8	-	-	0.880	1.000	1.250	1.488	1.968	1.440	3.133	3.585	3.808	4.248
63.5	-	-	-	1.260	1.565	1.875	2.476	3.075	3.959	4.538	4.824	5.391
76.1	-	-	-	1.500	1.890	2.260	2.980	3.705	4.778	5.483	5.832	6.525
101.6	-	-	-	-	-	3.015	4.000	4.980	6.435	7.395	7.872	8.820

AS PER CUSTOMER REQUIREMENT

Pipe Dimensions

Size In mm.	In mm.	SCH-05 W.T. In mm.	Weight Kg./Mt.	SCH-10 W.T. In mm.	Weight Kg./Mt.	SCH-40 W.T. In mm.	Weight Kg./Mt.	SCH-80 W.T. In mm.	Weight Kg./Mt.
1/4	13.72	1.24	0.387	1.65	0.498	2.24	0.643	3.02	0.808
3/8	17.15	1.24	0.493	1.65	0.640	2.31	0.857	3.20	1.116
1/2	21.34	1.65	0.812	2.11	1.014	2.77	1.286	3.73	1.642
3/4	26.67	1.65	1.032	2.11	1.300	2.87	1.708	3.91	2.225
1	33.40	1.65	1.310	2.77	2.121	3.38	2.537	4.55	3.282
1 1/4	42.16	1.65	1.671	2.77	2.728	3.56	3.435	4.85	4.524
1 1/2	48.26	1.65	1.923	2.77	3.150	3.68	4.101	5.08	5.484
2	60.33	1.65	2.421	2.77	3.989	3.91	5.515	5.54	7.588
3/8	0.675	17.15	1.20	0.47	1.65	0.63	2.00	1.09	2.31
1/2	0.840	21.34	1.65	0.81	2.11	1.02	2.30	1.54	2.77
3/4	1.050	26.67	1.65	1.05	2.11	1.30	2.50	1.97	2.87
1	1.315	33.40	1.65	1.03	2.77	2.13	2.50	2.94	3.38
1 1/4	1.660	42.16	1.65	1.03	2.77	2.73	3.00	3.39	3.56
1 1/2	1.900	48.26	1.65	1.93	2.77	3.99	3.00	6.08	3.91
3	3.500	88.90	2.11	4.51	3.05	6.45	4.00	9.76	5.49
4	4.500	114.30	2.11	5.85	3.05	8.36	4.00	12.35	6.02
5	5.563	141.30	2.77	9.50	3.40	11.60	4.50	17.04	6.55
6	6.625	168.28	2.77	11.35	3.40	13.82	5.00	22.38	7.11
8	8.625	219.08	2.77	14.80	3.76	20.00	5.50	33.77	8.18
10	10.750	273.05	3.40	22.61	4.19	27.80	6.35	42.35	9.27
12	12.750	323.85	3.96	31.25	4.57	36.00	6.35	50.40	9.53

RECTANGULAR SIZE

Rectangular Tube dimensions Theoretical Weight in Kg/mtr

Dimensions mm mm		1.0mm Kg/meter	1.2mm Kg/meter	1.5mm Kg/meter	2.0mm Kg/meter	2.5mm Kg/meter	3.0mm Kg/meter	3.5mm Kg/meter	4.0mm Kg/meter
20	10	0.453	0.539	0.661	-	-	-	-	-
25	15	0.610	0.724	0.890	-	-	-	-	-
30	10	0.610	0.724	0.890	-	-	-	-	-
30	20	0.771	0.917	1.129	1.475	-	-	-	-
40	20	0.931	1.108	1.371	1.795	-	-	-	-
50	20	1.081	1.302	1.612	2.115	-	-	-	-
50	25	1.170	1.398	1.734	2.275	2.870	-	-	-
50	30	1.250	1.494	1.852	2.434	3.03	3.502	-	-
60	30	1.452	1.687	2.090	2.756	3.405	4.040	-	-
60	40	1.570	1.878	2.332	3.078	3.806	4.533	-	-
80	40	1.890	2.253	2.815	3.724	4.612	5.494	6.359	7.267

AS PER CUSTOMER REQUIREMENT

Square Tube dimensions Theoretical Weight in Kg/mtr

Dimensions mm mm	1.0mm Kg/meter	1.2mm Kg/meter	1.5mm Kg/meter	2.0mm Kg/meter	2.5mm Kg/meter	3.0mm Kg/meter	3.5mm Kg/meter	4.0mm Kg/meter
10x10	0.294	-	-	-	-	-	-	-
15x15	0.453	0.538	0.661	0.854	-	-	-	-
20x20	0.610	0.724	0.890	1.159	-	-	-	-
25x25	0.772	0.917	1.129	1.475	-	-	-	-
30x30	0.932	1.108	1.371	1.795	2.203	2.643	-	-
35x35	1.089	1.302	1.612	2.115	2.604	3.124	-	-
40x40	1.251	1.495	1.852	2.434	3.003	3.562	-	-
50x50	1.560	1.882	2.332	3.078	3.806	4.533	5.248	5.997
60x60	1.880	2.250	2.815	3.724	4.612	5.494	6.359	7.267
80x80	-	-	3.798	5.040	6.068	7.484	8.600	9.780
100x100	-	-	-	6.400	7.969	9.525	11.069	12.600
120x120	-	-	-	7.660	9.554	11.415	13.274	15.120

AS PER CUSTOMER REQUIREMENT

CHEMICAL COMPOSITION

Grade	USA-Canada/ AISI-AST-A5/E	%C(Max.)	%Mn(Max.)	%P(Max.)	%S(Max.)	%Si(Max.)	%Cr	%Ni	%Mo	%N(Max)	%Cu(Max)	%Other
301	301	0.15	2.00	0.045	0.030	1.00	16.00-18.00	6.00-8.00	-	0.10	-	-
304	304	0.080	2.00	0.045	0.030	0.75	18.00-20.00	8.00-10.50	-	0.10	-	-
304H	304H	0.04-0.10	2.00	0.045	0.030	0.75	18.00-20.00	8.00-10.50	-	-	-	-
304L	304L	0.030	2.00	0.045	0.030	0.75	18.00-20.00	8.00-12.00	-	0.10	-	-
304LN	304LN	0.030	2.00	0.045	0.030	0.75	18.00-20.00	8.00-12.00	-	0.10-0.16	-	-
309	309	0.20	2.00	0.045	0.030	0.75	22.00-24.00	12.00-15.00	-	-	-	-
309S	304S	0.08	2.00	0.045	0.030	0.75	22.00-24.00	12.00-15.00	-	-	-	-
310	310	0.25	2.00	0.045	0.030	1.50	24.00-26.00	19.00-22.00	-	-	-	-
310S	310S	0.08	2.00	0.045	0.030	1.50	24.00-26.00	19.00-22.00	-	-	-	-
316	316	0.08	2.00	0.045	0.030	0.075	16.00-18.00	10.00-14.00	2.00-3.00	0.10	-	-
316L	316L	0.030	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00	2.00-3.00	0.10	-	-
316LN	316LN	0.030	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00	2.00-3.00	10-0.16	-	-
316Ti	316Ti	0.08	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00	2.00-3.00	0.10	-	Ti=5X(C+N) Min, 0.70Max
317	317	0.08	2.00	0.045	0.030	0.75	18.00-20.00	11.00-15.00	3.00-4.00	0.10	-	-
317L	317L	0.030	2.00	0.045	0.030	0.75	18.00-20.00	11.00-15.00	3.00-4.00	0.10	-	-
317LN	317LN	0.030	2.00	0.045	0.030	0.75	18.00-20.00	11.00-15.00	3.00-4.00	0.10-0.22	-	-
321	321	0.08	2.00	0.045	0.030	0.75	17.00-19.00	9.00-12.00	-	0.10	-	Ti=5X(C+N) Min, 0.70Max
347	347	0.08	2.00	0.045	0.030	0.75	17.00-19.00	9.00-13.00	-	-	-	cb=10XC Min, 1.00Max
409L	409L	0.035	1.00	0.040	0.020	1.00	10.50-11.75	0.50 max	-	0.030	-	Ti=6X(C+N) Min, 1.00Max
409RC	-	0.02	1.00	0.040	0.030	1.00	10.50-11.75	0.50 max	-	0.020	-	Ti=5X(C+N)Min 0.75Max
409M	-	0.03	08-1.5	0.03	0.030	1.00	10.80-12.50	1.50 max	-	0.030	-	Ti=0.75 Min
410	410	0.15	1.00	0.040	0.030	1.00	11.50-13.50	0.75 max	-	-	-	-
410S	410S	0.08	1.00	0.040	0.030	1.00	11.50-13.50	0.60 max	-	-	-	-
405	405	0.080	1.00	0.04	0.030	1.00	16.00-18.00	0.75 max	-	-	-	Al=0.010-0.030
430	430	0.12	1.00	0.04	0.030	1.00	16.00-18.00	0.75 max	-	-	-	-
430Ti	430Ti	0.030	1.00	0.04	0.030	1.00	16.00-19.00	-	-	-	-	Ti=0.10-1.0
436	436	0.12	1.00	0.040	0.030	1.00	16.00-18.00	-	0.75-1.25	-	-	cb=5XCM Min., 0.80 Max
420	430	0.15 min.	1.00	0.040	0.030	1.00	12.00-14.00	0.75 max	-	-	-	Mo=0.50 max
JBS	-	0.6-0.75	1.00	0.04	0.030	0.75	12.00-14.00	-	0.75 Max	-	-	-
JSLAUS(JI)	-	0.080	7.00-8.00	0.075	0.030	0.75	15.00-17.00	4.00-5.00	-	0.10	1.5	-
J3	-	0.80	9.00-10.50	0.075	0.030	0.75	14.00-16.00	2.00-3.00	-	0.15	2.0	-
J4	-	0.10	8.50-10.00	0.090	0.030	0.75	15.00-16.00	1.2(max)	-	0.20	2.0	-

CHEMICAL PROPERTIES

Comparison of Indian / Prop. (JSL) Grades with Various International Standards

GRADE	Tensile Strength Mps (Min.)	Yield Strength Mps. (Min.)	% Elongation (Min.)	Hardness BNH (Max.)	Hardness RB (Max.)	INDIA/IS Latter Symbol	INDIA/IS Numerical Symbol (ISS)	UNS DESIGNATION	GERMANY/DIN DESIGNATION	JAPAN/JIS	USSR/GOST
301	515	205	40	217	95	X10Cr17Ni7 X04Cr19Ni9	301 304SI	S30100	X12CrNi177	SUS301	-
304	515	205	40	201	92	X04Cr19Ni10	/304S2	S30400	X5CrNi1810	SUS304	08CMBN10
304H	515	205	40	201	92	-	-	S30409	-	-	-
									X2CrNi189	SUS304L	
304L	485	170	40	201	92	-	-	S30403	G-X2CrNi189	SCSI9	03ch18N11
304LN	515	205	40	201	92	-	-	S30453	X2CrNi1810	SUS304LN	-
309	515	205	40	217	95	X15Cr24Ni13	309	-	X15CrNiSi212	SUH309	20ch20NS2
309S	515	205	40	217	95	-	-	S31008	X7CrNi2314	SUH309S	-
310	515	205	40	217	95	X20Cr25N920	310	-	X15CrNiSi2520	SUH310	20CH25N20S2
310S	515	205	40	217	95	-	-	S31008	X12CrNi2521	SUS310S	20ch23N18
316	515	205	40	217	95	X04Cr17Ni12Mo2	316	S31600	X5CrNiMo17122	SUS316	3CH17N14M3
										SUS316L	
316L	485	170	40	217	95	X02Cr17Ni12Mo2	316L	S31603	X2CrNiMo18143	SCS 16	3CM6N15M3
316LN	515	205	40	217	95	-	-	S31653	X2CrNiMo18143	SCSI 6	3CM16N15M3
316Ti	515	205	35	217	95	X04Cr17Ni12Mo2Ti	S31635	316Ti	X6CrNiMoTi17122	-	10Ch17N13M1T
317	515	205	40	217	95	-	S31700	-	X5CrNiMo17133	SUS317	-
317L	515	205	40	217	95	-	S31753	-	X2CrNiMo18164	SUS317L	-
317LN	550	240	40	217	95	-	S31753	-	-	-	-
321	515	205	40	217	95	X04Cr18Ni10Ti	321	S32100	X6CrNiTi1810	SUS321	08CMBN10T
347	515	205	40	201	92	X04Cr18Ni10Nb	347	S24700	X6CrNiNb1810	SUS347	08ch18N12B
409L	380	205	20	179	95	-	-	S40900	X6CrTi2	-	-
409RC	350	170	30	179	88	-	-	-	-	-	-
409M**	450	275	20	187	90	-	-	-	-	-	-
410	450	205	20	217	96	X12CM2	410	S41008	X10CM3	SUS410	-
410S	415	170	20	179	89	-	-	S41008	-	-	-
405	415	170	20	179	88	X04Cr12	405	S40500	X6CrAl13	SUS405	-
430Ti	360	175	27	179	88	-	-	-	X6CrTi17	SUS430LX	-
436	450	240	22	-	89	-	-	S43600	-	-	-
420	690	-	15	217	96	X20Cr13 X30Cr13 X40Cr13	420 S1 420 S2 420 S3	S42000	X20CM3	SUS420J1	-
JBS	-	-	-	-	-	-	-	-	-	-	-
JSLAUS(JI)	550	205	40	217	95	-	-	-	-	-	-
J3	600	250	40	217	95	-	-	-	-	-	-
iJ4	700	350	40	217	95	-	-	-	-	-	-

OD Pipes

Welded Stainless Steel Tubes

Diameter Range: 3/8" to 6" (9.53 mm to 152.4 mm)

Thickness Range: 0.38 mm to 4.0 mm

Length: Standard 20 ft; custom length up to 40ft on request

Grades Available:

- **200 Series** (JT, J4)

- **300 Series** (304, 304 L)

- **Surface Finishes:** 2B, Finish, Matt Finish, Mirror Finish,

- **Standards:** ASTM A554, EN 10296-2

Applications: Railings, Furniture, Constructions, Food Processing



Calculated Weights - Round Tubings

OD (Size)		Thickness (mm)													
		0.38	0.5	0.6	0.71	0.8	0.91	1	1.2	1.5	2	2.5	3	3.5	4
mm	inch	Weight Kg/Feet													
9.52	3/8"	0.026	0.034	0.034	0.040	0.047	0.053								
12.7	1/2"	0.035	0.046	0.055	0.064	0.072	0.081	0.088	0.104	0.127					
15.87	5/8"		0.058	0.069	0.081	0.091	0.103	0.112	0.133	0.163					
19.05	3/4"		0.070	0.084	0.098	0.110	0.125	0.136	0.162	0.199	0.258				
22.22	7/8"		0.082	0.098	0.115	0.130	0.147	0.160	0.191	0.235	0.306				
25.4	1"		0.094	0.112	0.133	0.149	0.168	0.184	0.220	0.271	0.354	0.433	0.508	0.579	0.647
31.75	1 1/4"					0.187	0.212	0.232	0.277	0.343	0.450	0.553	0.652	0.747	0.839
38.1	1 1/2"					0.226	0.256	0.280	0.335	0.415	0.546	0.673	0.796	0.916	1.031
45	1 3/4"						0.303	0.333	0.397	0.493	0.650	0.803	0.953	1.098	1.240
48	1.9						0.324	0.355	0.425	0.527	0.696	0.860	1.021	1.177	1.331
50.8	2"						0.343	0.376	0.450	0.559	0.738	0.913	1.084	1.282	1.415
63.5	2 1/2"						0.431	0.473	0.565	0.703	0.930	1.153	1.372	1.588	1.799
76.2	3"						0.518	0.569	0.680	0.847	1.122	1.393	1.660	1.924	2.183
101.6	4"								0.911	1.135	1.506	1.873	2.236	2.596	2.951
127	5"								1.141	1.423	1.890	2.353	2.812	3.268	3.720
152.4	6"									1.711	2.274	2.833	3.388	3.940	4.488

Formula Used: [Lenth (mm)-Wall Thickness (mm) X Wall Thickness (mm) X 0.00967=Weight kg/feet]



NB Pipes

Welded Stainless Steel Pipes

Diameter Range: 1/2" to 18" (15 mm to 450 mm)

Thickness Range: 1.2 mm to 5.0mm

Length: Standard 20 ft; custom length up to 40ft on request

Grades Available:

- **200 Series** (JT, J4)

- **300 Series** (304, 304L, 316L)

- **Surface Finishes:** 2B, No.1

- **Standards:** ASTM A312, EN 10217-7

Applications: Sugar Mills, Rice Mills, Chemical Industries etc.

Calculated Weights - Stainless Teel Pipes

Nominal	Nominal Pipe Size	Outside Diameter	Wall Thickness and Weight							
			Sch.5S		Sch.10S		Sch.40S		Sch.80S	
Inches	mm	mm	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m
1/2	15	21.34	1.65	0.812	2.11	1.014	2.77	1.286	3.73	1.642
3/4	20	26.67	1.65	1.032	2.11	1.296	2.87	1.708	3.91	2.225
1	25	33.4	1.65	1.31	2.77	2.121	3.38	2.537	4.55	3.282
1.1/4	32	42.16	1.65	1.671	2.77	2.728	3.56	3.435	4.85	4.524
1.1/2	40	48.26	1.65	1.923	2.77	3.15	3.68	4.101	5.08	5.084
2	50	60.33	1.65	2.421	2.77	3.986	3.91	5.358	5.54	7.588
2.1/2	65	73.03	2.11	3.741	3.05	5.336	5.16	8.755	7.01	11.57
3	80	88.9	2.11	4.578	3.05	6.546	5.49	11.448	7.62	15.484
3.1/2	90	101.6	2.11	5.248	3.05	7.514	5.74	13.756	8.08	18.891
4	100	114.3	2.11	5.918	3.05	8.483	6.02	16.296	8.56	22.628
5	125	141.3	2.77	7.593	3.4	11.722	6.55	22.065	9.52	31.364
6	150	168.28	2.77	11.462	3.4	14.015	7.11	28.648	10.97	43.142
8	200	219.08	2.77	14.979	3.76	20.242	8.18	43.129	12.7	65.526
10	250	273.05	3.4	22.92	4.19	28.163	9.27	61.131	12.7	82.666
12	300	323.85	3.96	31.669	4.57	36.478	9.52	78.811	12.7	98.791
14	350	355.6	3.96	34.812	4.78	41.923	9.53	82.451	12.7	108.871
16	400	406.4	4.19	42.131	4.78	47.994	9.53	94.554	12.7	121.2
18	450	457.2	4.19	47.453	4.78	54.068	9.53	106.477	12.7	141.12

Formula Used: [OD (mm)-Wall Thickness (mm) X Wall Thickness (mm) X 0.00756=Weight kg/feet]

Ractangular Pipes

Welded Stainless Steel Pipes

Size Range: 10 mm x 20 mm to 50 mm x150mm

Thickness Range: 0.5mm to 4.0mm

Length: Standard 20 ft; custom length up to 40ft on request

Grades Available:

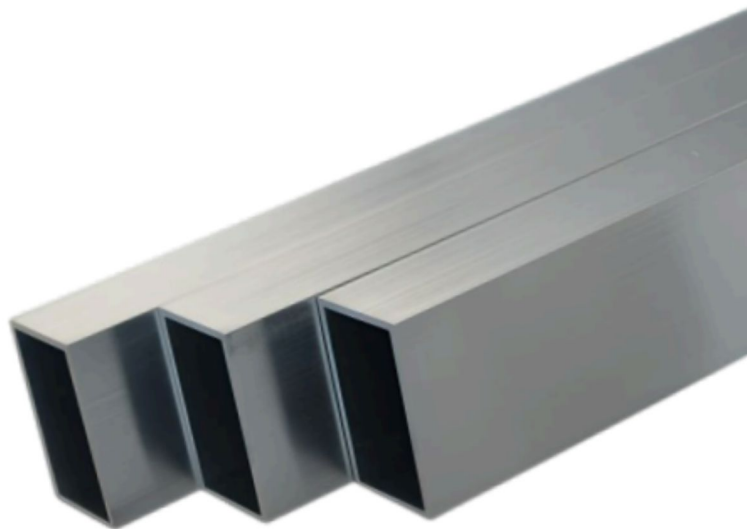
- **200 Series** (JT, J4)

- **300 Series** (304, 304L)

- **Surface Finishes:** 2B Finish, Matt Finish, Mirror Finish

- **Standards:** ASTM A554, EN 10296-2

Applications: Structural Frameworks, Furniture Display Systems



Calculated Weights - Rectangular Tubings

Length (Size)	Thickness (mm)												
	0.5	0.6	0.71	0.8	0.91	1	1.2	1.5	2	2.5	3	3.5	4
mm	Weight Kg/Feet												
20 x 10	0.070	0.083	0.098	0.110	0.124	0.135	0.160	0.196	0.251				
30 x 10	0.094	0.112	0.132	0.148	0.168	0.184	0.218	0.268	0.348	0.423	0.493	0.558	0.618
40 x 10	0.118	0.141	0.167	0.187	0.212	0.232	0.276	0.341	0.444	0.543	0.543	0.638	0.811
50 x 20	0.142	0.170	0.201	0.226	0.256	0.280	0.334	0.413	0.541	0.664	0.782	0.896	1.005
50 x 20					0.300	0.328	0.392	0.485	0.638				
50 x 25					0.322	0.353	0.421	0.522	0.686	0.845	1.000	1.150	1.294
60 x40					0.432	0.473	0.566	0.703	0.927	1.147	1.362	1.572	1.777
65 x 35					0.432	0.473	0.566	0.703	0.927	1.147	1.362	1.572	1.777
75 x 25					0.432	0.473	0.566	0.703	0.927	1.147	1.362	1.572	1.777
110 x 50							0.913	1.137	1.507	1.872	2.231	2.586	2.937
150 x 50							1.145	1.427	1.893	2.355	2.811	3.263	3.709

Formula Used: [Lenth (mm)-Wall Thickness (mm) X Wall Thickness (mm) X 0.00967=Weight kg/feet]

Square Pipes

Welded Stainless Steel Tubes

Size Range :: 10 mm x 10 mm to 120mm x 120mm

Thickness Range: 0.5mm to 4.0mm

Length: Standard 20 ft; custom length up to 40ft on request

Grades Available:

- **200Series** (JT, J4)

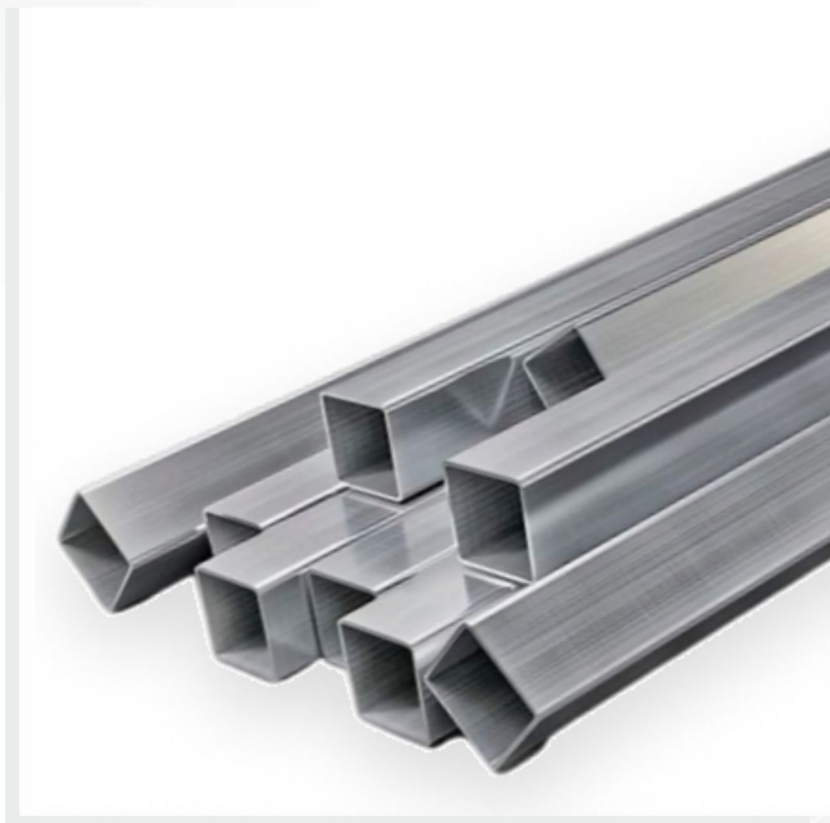
- **300Series** (304, 304 L)

- **Surface Finishes:** 2B, Finish, Matt Finish, Mirror Finish,

- **Standards:** ASTM A554, EN 10296-2

Applications: Furniture, Architectural Frameworks,

Gates, Partitions



Calculated Weights - Square Tubings

Length (Size)	Thickness (mm)												
	0.5	0.6	0.71	0.8	0.91	1	1.2	1.5	2	2.5	3	3.5	4
mm	Weight Kg/Feet												
12 x 12	0.056	0.066	0.078	0.087	0.098	0.106	0.125	0.152					
15 x 15	0.070	0.084	0.098	0.110	0.124	0.135	0.160	0.196	0.251				
20 x 20	0.094	0.113	0.132	0.149	0.168	0.184	0.218	0.268	0.348	0.423	0.493	0.558	0.619
25 x 25				0.187	0.212	0.232	0.276	0.341	0.445	0.544	0.638	0.728	0.812
30 x 30				0.226	0.256	0.280	0.334	0.413	0.542	0.665	0.783	0.897	1.006
40 x 40					0.344	0.377	0.450	0.558	0.735	0.907	1.073	1.235	1.392
50 x 50					0.432	0.474	0.566	0.703	0.928	1.148	1.363	1.574	1.779
60 x 60					0.520	0.571	0.682	0.849	1.122	1.390	1.654	1.912	2.166
80 x 80							0.914	1.139	1.509	1.874	2.234	2.589	2.940
100 x 100							1.146	1.429	1.895	2.357	2.814	3.266	3.713
120 x 120								1.719	2.282	2.841	3.394	3.943	4.487

Formula Used: [Lenth (mm)-Wall Thickness (mm) X Wall Thickness (mm) X 0.00967=Weight kg/feet]



Oval Pipes

Welded Stainless Steel Tubes

Size Range: 13 mm x 25 mm to 33 mm x 13 mm
45mm x 19mm

Thickness Range: 0.8mm to 2.0mm

Length: Standard 20 ft; custom length up to 40ft on request

Grades Available:

- **200 Series** (JT, J4)

- **300 Series** (304, 304L)

- **Surface Finishes:** 2B Finish, Matt Finish, Mirror Finish

- **Standards:** ASTM A554, EN 10296-2

- **Applications:** Railings, Automotive, Furniture - Design Elements

Slotted Tubes

Stainless Steel Tubes

Size Range: 2" Round / 2" Square; 60 mm x 40 mm; 40mm x 40 mm

Thickness Range: 1.0mm to 1.5mm

Length: Standard 20 ft

Slot Width & Pattern: As per Customer Drawing / Specification

Grades Available:

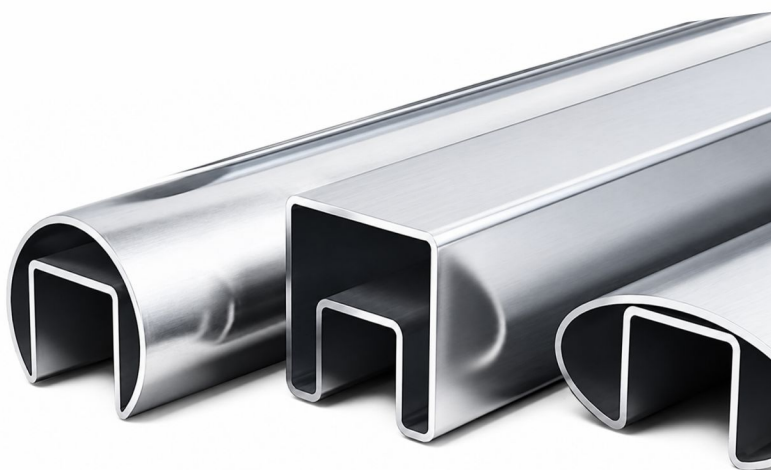
- **200 Series** (JT, J4)

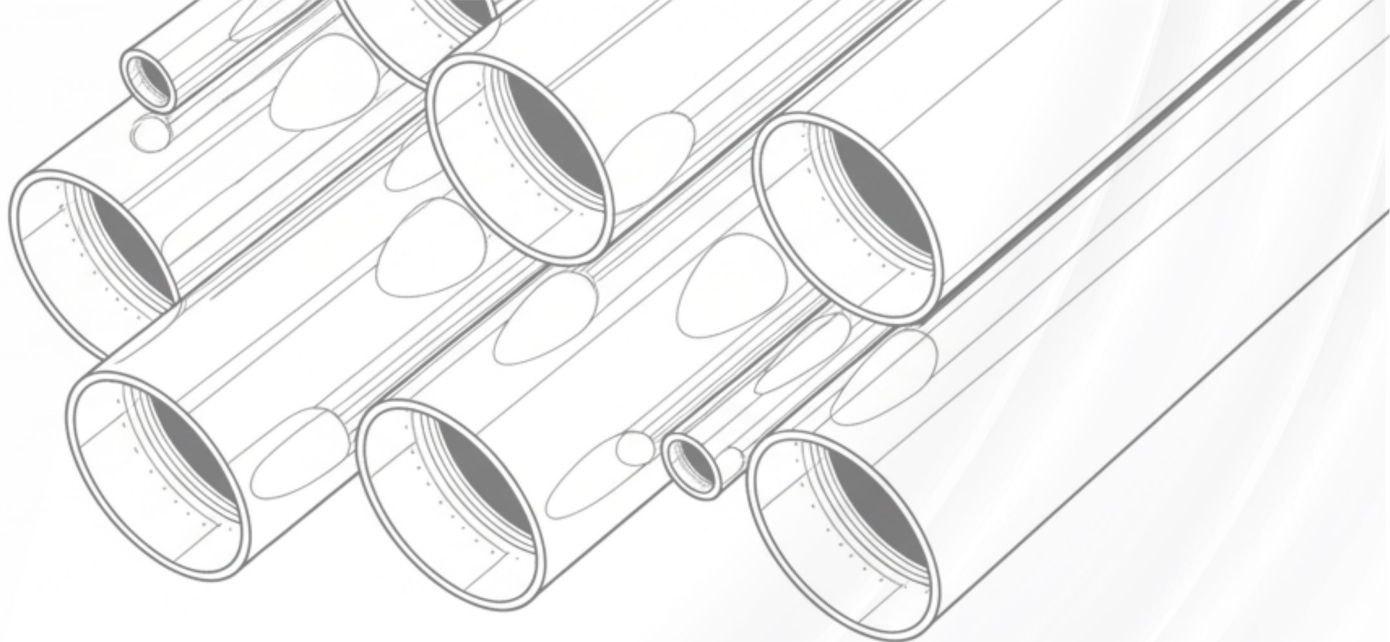
- **300 Series** (304, 304L)

- **Surface Finishes:** 2B Finish, Matt Finish, Mirror Finish

- **Standards:** ASTM A554, EN 10296-2

- **Applications:** Glass Railing, Architectural Handrails Partitions





Contact Info

Connect with our team for stainless pipes, Stainless tubes, U-bend tubes, and custom solutions. We are here to support your industrial Projects globally.



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