REX STEEL

PRODUCT CATALOGUE

Seamless and Welded Steel Pipe Tube for General Applications

- Seamless Tubes & Pipes Steel
- Welded Tubes & Pipes
- Monel, Inconel, Hastelloy Tubes & Pipes

REXSTEEL

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Company Profile

RexSteel, a flagship brand of RecommerceX Pvt. Ltd., specializes in Seamless Stainless Steel, Duplex, Titanium, and Nickel Alloy tubes and pipes for critical applications in heat exchangers, instrumentation, hydraulics, and mechanical systems. With ISO 9001:2015 certification and a state-of-the-art manufacturing facility in Ahmedabad, we serve both domestic and global markets with reliability and precision.

We are founded by a passionate team of alumni from **IIT Delhi, ISB Hyderabad,** and **MDI Gurgaon.** Leveraging deep R&D collaboration with IIT Delhi and HZDR Labs, Germany, we ensure every RexSteel product meets the highest international standards of precision and quality.

We take pride in offering world-class seamless tubing solutions at highly competitive prices, delivering superior value to our customers. Our foundation rests on technical excellence, rigorous quality assurance, and cost-effectiveness — making RexSteel a trusted name in advanced engineering materials.

Products

Seamless Stainless Steel Tubes & U Tubes (High Precision & Heat Exchanger Tubing) - Annealed & Pickled

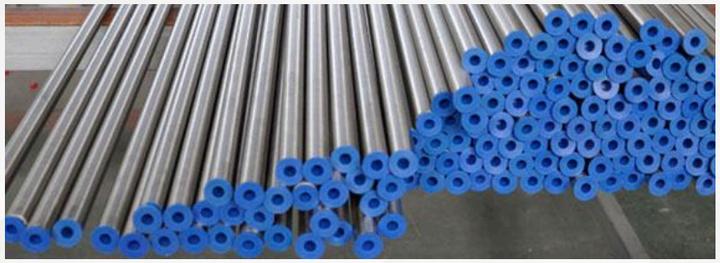
Products Range

Outside Diameter:	6.00 mm to 101.60 mm
Wall Thickness:	0.70 mm to 8.00 mm
Grades:	TP 304/L/H, TP 310/L/H/S, TP 310 MOLN TP 316/L/H/Ti, TP 317/L, TP 321/H, TP 347/H, 904L UNS S31500, 31803, 32205, 32750, 32760
Specification:	ASTM, ASME, DIN EN (GERMAN), NF (AFNOR), JIS (JAPAN).

Application:

- Heat Exchangers
- Chemical & Petrochemical
- Gas Industry
- Nuclear Power Generation
- Pressure Vessels
- Marine Equipments
- Food Processing
- Automotive
- Aerospace

Seamless Stainless Steel Tubes & U Tubes (Hydraulic & Instrumentation Tubing) - Bright Annealed



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Application:

- Oil & Gas Extraction
- Chemical & Petrochemical
- Nuclear Power
- Food & Beverage Processing
- Automotive
- Aerospace

Products

Seamless Stainless Steel Pipes - Annealed & Pickled

Products Range

Outside Diameter:	3/8" NPS to 16" NPS
Wall Thickness:	Sch 5S to Sch XXS
Grades:	TP 304/L/H, TP 310/I/H/S, TP 310 MoIN, TP 316/I/H/Ti, TP 317/I, TP 321/H, TP 347/H, 904L, UNS S 31500, 31803, 32205, 32750, 32760.
Specification:	ASTM, ASME, DIN EN (GERMAN)

Application:

- Onshore and Offshore Oil and Gas Production, Exploration and Transport (OCTG - Oil Country Tubular Goods)
- Chemical & Petrochemical
- Energy and Power Generation
- Mechanical and Plant Engineering
- Liquefaction Projects
- Ship Building

Seamless High Nickel Alloy Pipes Tubes & U Tubes (Annealed - Pickled & Bright)

Application:

- Heat Exhangers, Condensers & Pressure Vessels
- Chemical & Petrochemical
- Gas Energy
- Power Generation
- Pressure Vessels
- Pulp & Paper
- Marine Equipments
- Food & Beverage Processing
- Automotive

Products Range

Outside Diameter:	12.70 mm to 114.30 mm
Wall Thickness:	0.70 mm to 12.70 mm
Grades:	NI 200/201, Monel 400, Inconel 600/601, 625, Hastelloy C22/C276, Alloy 800/H/HT/, 825
Specification:	ASTM, ASME, DIN EN (GERMAN),

Products

Stainless Steel Welded Pipes - Outside Diameter ; Wall thickness;

Products Range

Outside Diameter:	1/8″-20″
Wall Thickness:	SCH 5S to SCH 80 S
Grades:	304/UH/LN, 316/UH/LN/Ti, 309, 310/UH/S, 317/UH, 321/H, 347/H, UNS S31500, UNS S31803, UNS S2205, UNS S32750, UNS S32760, 1.4301, 1.4306, 1.4307, 1.4571, 1.4541, 1.4401, 1.4404, 1.4435, 1.4462 ASTM/ASME A/SA-312, A/SA-790, A-554, A-778, EN 10217-7
Specification:	ASTM, ASME, DIN EN (GERMAN)

Application:

- Chemical & Petrochemical
- Gas Industry
- Power Generation
- Mechanical & Plant Engineering
- Marine Equipment's
- Pulp & Paper
- Pharmaceutical Industry
- Sugar Industry

ERW Steel Pipe(Electric Resistance Welded Pipe), EFW (Electric Fusion Weld)

Products Range

Outside Diameter:	Outside Diameter:1/2″-24″
Wall Thickness:	Wall Thickness: 1.65-20mm
Grades:	Grades- 304, 304L, 316, 321,904L, Duplex, and Super Duplex
Specification:	ASTM, API , DIN EN (GERMAN)

Application:

- Water Supply and Drainage
- Foundation piling
- General engineering and fabrication.
- Support columns and steel structures.
- Industrial process piping.

REXSTEEL

TUBE SIZE CHART

ACCORDING TO SWG & BWG									
OUTSIDE DIAMETER		**THICKNESS**			**OUTSIDE DIAMETER**		**THICKNESS**		
INCH	MM	SWG	INCH	MM	INCH	MM	BWG	INCH	MM
3/8"-TO-4"	9.53 MM-TO-101.6 MM	22	0.028	0.71	3/8"-TO~4"	9.53 MM-TO-101.6 MM	22	0.028	0.71
		21	0.032	0.81			21	0.032	0.81
		20	0.036	0.91			20	0.035	0.89
		19	0.040	1.02			19	0.042	1.07
		18	0.048	1.22			18	0.049	1.24
		17	0.056	1.42			17	0.058	1.47
		16	0.064	1.63			16	0.065	1.65
		15	0.072	1.83			15	0.072	1.83
		14	0.080	2.03			14	0.083	2.11
		13	0.092	2.34			13	0.095	2.41
		12	0.104	2.64			12	0.109	2.77
		11	0.116	2.95			11	0.120	3.05
		10	0.128	3.25			10	0.134	3.40
		9	0.144	3.66			9	0.148	3.76
		8	0.160	4.06			8	0.165	4.19
LEGENDS: SWG= STANDARD WIRE GAUGE, BWG= BIRMINGHAM WIRE GAUGE									
ID (INSIDE DIAMETER) = OD-(THICK*2)									

NON-STANDARD TUBES ARE AVAILABLE ON REQUEST
*** TUBES ARE OFFERED AS MACHINED ON EXTERNAL SURFACE AND WITH RANDOM LENGTH (SRL/DRL).**

PIPE SIZE CHART

ANSI B36.19 Stainless Steel									Pipe Dimensions and Weight per KG							
Nominal Pipe Size		Outside Diameter	Schedule 5 S		Schedule 10 S		Schedule 20 S		Schedule 40 S		Schedule 80 S		Schedule 160 S		XXS	
mm	inch	mm	WT mm	WEIGHT(KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)	WT mm	WEIGHT (KG/M)
3	1/8	10.3	1.2	0.26	1.24	0.28	1.5	0.33	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	1.2	0.37	1.65	0.49	2	0.58	2.24	0.63	3.02	0.8	-	-	-	-
10	3/8	17.1	1.2	0.47	1.65	0.63	2	0.74	2.31	0.84	3.2	1.1	-	-	-	-
15	1/2	21.3	1.65	0.8	2.11	1	2.3	1.07	2.77	1.27	3.73	1.62	4.78	1.94	7.47	2.55
20	3/4	26.7	1.65	1.02	2.11	1.28	2.55	1.52	2.87	1.69	3.91	2.2	5.56	2.9	7.82	3.64
25	1	33.4	1.65	1.3	2.77	2.09	2.55	1.94	3.38	2.5	4.55	3.24	6.35	4.24	9.09	5.45
32	1.1/4	42.2	1.65	1.65	2.77	2.7	3	2.9	3.56	3.39	4.85	4.47	6.35	5.61	9.7	7.77
40	1.1/2	48.3	1.65	1.9	2.77	3.11	3	3.35	3.68	4.05	5.08	5.41	7.14	7.25	10.15	9.55
50	2	60.3	1.65	2.39	2.77	3.93	3	4.24	3.91	5.44	5.54	7.48	8.74	11.11	11.07	13.44
65	2.1/2	73	2.11	3.69	3.05	5.26	4	6.81	5.16	8.63	7.01	11.41	9.53	14.91	14.02	20.39
80	3	88.9	2.11	4.51	3.05	6.45	4	8.37	5.49	11.29	7.62	15.27	11.1	21.3	15.24	27.68
100	4	114.3	2.11	5.84	3.05	8.36	4	12.18	6.02	16.07	8.56	22.32	13.49	33.54	17.12	41.03
125	5	141.3	2.77	9.47	3.4	11.57	4	16.8	6.55	21.8	9.53	30.97	15.88	49.11	19.05	57.43
150	6	168.3	2.77	11.32	3.4	13.82	5	25.36	7.11	28.26	10.97	42.56	18.25	67.53	21.95	79.22
200	8	219.1	2.77	14.78	3.76	19.96	5	33.31	8.18	42.55	12.7	64.64	23.01	111.27	22.23	107.92
250	10	273.1	3.4	22.61	4.19	27.78	5	41.77	9.27	60.31	12.7	81.55	28.58	172.33	25.4	155.15
300	12	323.8	3.96	31.24	4.57	36	5	49.7	9.53	73.85	12.7	97.43	33.32	238.68	25.4	186.9
350	14	355.6	3.96	34.34	4.78	41.3	6	67.9	11.13	94.54	ASTM A312/A213/A249/A269/A270, ASTM A358 CLI TO CL V, A409, A554 TP 304/304L/316/316L/317L/309/310/321 etc.					
400	16	406.4	4.19	41.56	4.78	47.34	6	77.82	12.7	123.3						

Formula - Pipe Weight OD - Thickness X Thickness < 0.0248 = wt . Kg per Mtr.

REX STEEL BY RECOMMERCEX

ASTM/ASME- STAINLESS STEEL STANDARDS

ASTM A213/A213M	Standard specification for seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes
ASTM A268/A268M	Standard specification for seamless and welded ferritic and martensitic stainless steel tubing for general service
ASTM A269/A269M	Standard specification for seamless and welded austenitic stainless steel tubing for general service
ASTM A312/A312M	Standard specification for seamless, welded, and heavily cold worked austenitic stainless steel pipes
ASTM A376/A376M	Standard specification for seamless austenitic steel pipes for high-temperature central-station service
ASTM A511	Standard specification for seamless stainless steel mechanical tubing and hollow bars
ASTM A789/A789M	Standard specification for seamless and welded ferritic/austenitic stainless steel tubing for general service
ASTM A790/A790M	Standard specification for seamless and welded ferritic/austenitic stainless steel pipes
ASME SA 213/SA 213M	Standard specification for seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes
ASME SA 268/SA 268M	Standard specification for seamless and welded ferritic and martensitic stainless steel tubing for general service
ASME SA 312/SA 312M	Standard specification for seamless and welded austenitic stainless steel pipes
ASME SA 376/SA 376M	Standard specification for seamless austenitic steel pipes for high-temperature central-station service
ASME SA 789/SA 789M	Standard specification for seamless and welded ferritic/austenitic stainless steel tubing for general service
ASME SA 790/SA 790M	Standard specification for seamless and welded ferritic/austenitic stainless steel pipes

EUROPEAN NORMS/ EN - STAINLESS STEEL STANDARDS

EN 10216-5	Seamless steel tubes for pressure purposes. Stainless steel tubes
EN 10294-2	Hollow bars for machining. Stainless steels with specified machinability properties
EN 10297-2	Hollow bars for machining. Stainless steels with specified machinability properties
DIN 17456	Seamless circular stainless steel tubes with general quality requirements
DIN 17458	Seamless circular austenitic stainless steel tubes subject to special requirements
DIN 17459	Seamless circular high-temperature austenitic steel tubes
DIN 28180-85	Seamless steel tubes for tubular heat-exchangers
NF A 49-117	Steel tubes. Seamless plain end tubes for pipelines and other uses. Ferritic and austenitic stainless steels
NF A 49-217	Steel tubes. Seamless tubes for heat-exchangers. Stainless ferritic, austenitic and ferriticaustenitic steel grades
NF A 49-317	Steel tubes. Seamless steel plain-end mechanical tubing. Austenitic stainless steel

GOST- STAINLESS STEEL STANDARDS

GOST 10498-82	Specific thin-walled corrosion resistant seamless steel tubes
GOST 14162-79	Small-sized (capillary) steel pipes
GOST 19277-73	Seamless steel tubes for oil and fuel lines
GOST 9940	Hot-finished seamless tubes of corrosion resistant steel grades
GOST 9941	Cold-finished and warm-finished seamless tubes of corrosion resistant steel grades

GRADE EQUIVALENTS – STAINLESS STEEL

ASTM (USA)	UNS (USA)	B.S. (UK)	EN/DIN (Germany)	AFNOR (France)	UNI (Italy)	SS (Sweden)	JIS (Japan)	JIS (Korea)
Austenitic – General Service and Wet Corrosion								
304	S30400	304S31 / 304S11	1.4301	Z7 CN 18-09 / Z6 CN 18-09	X5CrNi18 10	2333	SUS 304	STS 304
304L	S30403	304S11	1.4306	Z3 CN 18-10	X2CrNi18 II	2332	SUS 304L	STS 304L
			1.4307	Z3 CN 18-10				
304LN	S30453	304S61	1.4311	Z3 CN		2371	SUS 304LN	STS 304LN
				18-10 Az				
316	S31600	316S31	1.4401	Z7 CND	X5CrNiMo	2347	SUS 316	STS 316
				37577	17 12			
		316S33	1.4436	Z7 CND	X5CrNiMo	2343		
				37973	17 13			
316L	S31603	316S31	1.4404	37S17	X2CrNiMo	2348	SUS 316L	STS 316L
		316S33	1.4435	37S19	17 12			
		316S34			X2CrNiMo	2353		
316N	S31651							
316LN	S31653	316S61	1.4406	Z3 CND			SUS 316LN	STS 316LN
316Ti	S31635		1.4571	37S9 / 37S13	X6CrNiMoTi17 12 2	2350	SUS 316Ti	STS 316Ti
317	S31700	317S16	1.4449				SUS 317	
321	S32100	321S31/ 321S51	1.4541	Z6 CNDT 18-10	X6CrNiTi18 11	2337	SUS 321	STS 321
347	S34700	347S31 / 347S51	1.455	Z6 CNDT 18-10	X6CrNiNb18 10		SUS 347	STS 347
904L	N08904	904S13	1.4539	Z6 NCDU 25-20		2562	SUS 890L	STS 890L
Duplex – General Service and Wet Corrosion								
ASTM (USA)	**UNS (USA)**	**B.S. (UK)**	**EN/DIN (Germany)**	**AFNOR (France)**	**UNI (Italy)**	**SS (Sweden)**	**JIS (Japan)**	**JIS (Korea)**
–	S31803	–	1.4462	Z2 CND 22-05 Az	–	2377	–	–
–	S32205	318S13	1.4462	Z3 CND 22-05 Az	–	2377	SUS 329J3L	STS 329J3L
Super Duplex – General Service and Wet Corrosion								
ASTM (USA)	**UNS (USA)**	**B.S. (UK)**	**EN/DIN (Germany)**	**AFNOR (France)**	**UNI (Italy)**	**SS (Sweden)**	**JIS (Japan)**	**JIS (Korea)**
–	S32750	–	1.441	–	–	–	–	–
–	S32760	–	1.441	–	–	–	–	–
Austenitic – Heat Resistant								
ASTM (USA)	**UNS (USA)**	**B.S. (UK)**	**EN/DIN (Germany)**	**AFNOR (France)**	**UNI (Italy)**	**SS (Sweden)**	**JIS (Japan)**	**JIS (Korea)**
304H	S30409	304S51	1.4948	Z6 CN 18-09	X8CrNi 18 10	2333	SUS 304	STS 304
321H	S32109	321S51	1.4878	Z6 CNT 18-10	X8CrNiTi	2337	SUS 321	–
347H	S34709	347S51	–	–	18 11 / X8CrNiNb 18 11	2347	–	–
310S	S31008	310S16 / 310S24	1.4845	Z6 CN 25-20 / Z12 CN 25-20	X6CrNi 2520	2361	SUS 310S	STS 310S
310H	S31009	–	–	–	–	–	–	–
314	S31400	–	1.4841	Z15 CNS 25-20	–	–	–	–

Manufacturing Facilities

Below are the advanced manufacturing facilities at REXSTEEL, supporting high-quality production for steel pipes and tubes:

Pilgering Line

Enables precise cold forming of seamless pipes, ensuring superior dimensional accuracy and surface finish.

Draw Bench

Used for drawing pipes to exact sizes and thicknesses, improving mechanical properties and surface uniformity.

ERW Line

High-speed Electric Resistance Welding (ERW) line for consistent fabrication of welded steel pipes, optimizing efficiency and weld integrity.

Annealing Furnace

Provides controlled heat treatment, relieving stress and enhancing ductility and toughness in pipes.

Pickling Line

Removes surface impurities and scales from steel pipes, ensuring clean surfaces for further processing or finishing.

Quality Control

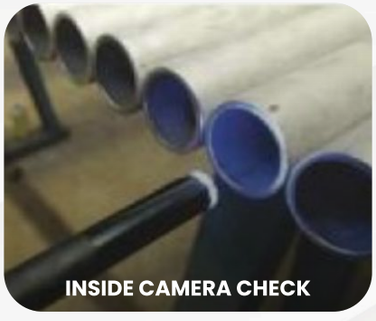
NON DESTRUCTIVE TEST	DESTRUCTIVE TEST
Eddy Current Test	Flaring Test
Hydrostatic Test	Hardness Test
Ultrasonic Testing	Reverse Bend
Metalography Test	Test Flattening
Visual Inspection	Test Corrosion
DP/MP/RF ECT Testing	Test Impact/Tensile Test

NON DESTRUCTIVE Testing Machines:
Online testing of tubes / pipes by Ultrasonic Testing & Eddy Current Method to check dimension, length and other defects.

Ultrasonic	
Type Rotating Probe Method	20 Channels
Transverse Defect	8 Probes
Wall Thickness	9 Probes
OD & ID	2 Probes
Spedd of Testing	Upto 20 Meters per Minute
Notch Depth	5% of Wall Thickness

DIMENSION, INSIDE CAMERA, MARKING, HYDRO TEST, PMI TEST, EDDY CURRENT


DIMENSION CHECK


INSIDE CAMERA CHECK


MARKING


HYDRO TEST


P.M.I. TEST


EDDY CURRENT TEST

REXSTEEL

PIONEERS IN SEAMLESS AND WELDED PIPES AND TUBES

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