



GHALIB INTERNATIONAL PRIVATE LIMITED

Italian Longitudinal Welding Technology

STAINLESS STEEL PIPE & TUBE SIZE CATALOGUE

Get In Touch

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COMPANY OVERVIEW

Ghalib International Private Limited — Pakistan's Premier Stainless Steel Tube and Pipe Manufacturers

Ghalib Group International Private Limited has been a trusted name in stainless steel manufacturing for over four decades. Established and continuously expanding since 1981, the company brought longitudinal welding technology to Pakistan in 2005, importing a complete manufacturing plant from Italy along with Italian technical expertise to ensure European quality standards are maintained throughout production.

Today, Ghalib Group stands as one of Pakistan's largest manufacturers, stockists, importers, and exporters of stainless-steel products. Raw materials are sourced exclusively from certified European coil manufacturers, guaranteeing consistent grade purity and dimensional accuracy across every product line.

KEY CAPABILITIES

SPECIFICATION	DETAIL
Manufacturing Standard	ASTM A249 · A268 · A269 · A312 · ANSI B36.19· A270
Grades Available	SS 304 · SS 304L · SS 316 · SS 316L · SS 439· Duplex SS
Pipe Schedules	Sch 5S · 10S · 20S · 40S · 80S
Surface Finishes	2B Mill Finish · Bright Annealed · No. 4 Polish · Inner & Outer Polish· No 1 Finish
OD Range (Pipe)	(1/4" to 24") 21.3 mm to 609.6 mm
OD Range (Tube)	10 mm to 154 mm
Square & Rect. Tube	19×19 mm to 110×110 mm
Length	Customizable from 500 mm upto 12200 mm
Quality Checks	Destructive and Non-Destructive Tests as per International Standards
Industries Served	Pharma · Food & Beverage · Dairy · Oil & Gas · Power · Textile · Chemical · Paper · Sugar · Packaging · Cement · Sugar · Fertilizer

PRODUCT CATEGORIES AT A GLANCE

Product Type	OD Range	Wall Thickness
Round Pipe (Schedule)	(1/4" to 24") 21.3 – 606.9 mm OD	1.2 – 14.4 mm
Round Tube (Precision)	10 – 154 mm OD	0.7 – 2.7 mm
Square & Rect. Tube	12×12 – 110×110 mm	1.2 – 3.0 mm

STAINLESS STEEL PIPE

Our schedule pipes are manufactured according to ANSI B36.19 and ASTM A312 standards for process piping applications requiring structural integrity under pressure. All testing, including 100 percent hydrostatic testing, is also performed in accordance with these standards. The pipes are produced using longitudinal welding Italian technology.

ANSI B36.19 STAINLESS STEEL PIPE DIMENSIONS

Nominal Pipe Size		Outside Diameter	Schedule 5 S WT	Schedule 10 S WT	Schedule 40 S WT	Schedule 80 S WT	Schedule 160 S WT	XXS WT
mm	Inch	mm	mm	(mm)	(mm)	(mm)	(mm)	(mm)
3	1/8	10.3	1.2	1.24	1.73	2.41	-	-
6	1/4	13.7	1.2	1.85	2.24	3.02	-	-
10	3/8	17.1	1.2	1.85	2.31	3.2	-	-
15	1/2	21.3	1.65	2.11	2.77	3.73	4.75	7.47
20		26.7	1.65	2.11	2.87	3.91	5.56	7.82
25	1	33.4	1.65	2.77	3.38	4.55	6.35	9.09
32	1-1/4	42.2	1.65	2.77	3.56	4.85	6.35	9.7
40	1-1/2	48.3	1.65	2.77	3.68	5.08	7.14	11.1
50	2	60.3	1.65	2.77	3.91	5.54	8.74	11.07
65	2-1/2	73	2.11	3.05	5.16	7.01	9.53	14.02
80	3	88.9	2.11	3.05	5.49	7.62	11.1	15.24
100	4	114.3	2.11	3.05	6.02	8.56	13.49	17.12
125	5	141.3	2.77	3.4	6.55	9.53	15.88	19.05
150	6	168.3	2.77	3.4	7.11	10.97	18.25	21.95
200	8	219.1	2.77	3.76	8.18	12.7	23.01	22.23
250	10	273.1	3.4	4.19	9.27	12.7	28.58	25.4
300	12	323.8	3.96	4.57	9.53	12.7	33.32	25.4
350	14	355.6	3.96	4.78	11.13			
400	16	406.4	4.19	4.78	12.7			
450	18	457.2	4.19	4.78	14.27			
500	20	508	4.78	5.54	15.09			
600	24	610.0s	5.54s	6.35	17.48			

Applicable Standards

- ASTM A 312 TP 304
- ASTM A 312 TP 316L
- ASTM A 312 TP 317L

STAINLESS STEEL TUBE

Our precision stainless steel round tubes are manufactured in strict accordance with ASTM A270, ASTM A249, and ASTM A269 standards to serve a wide range of industrial applications. They are available in multiple polished finishes to meet specific industry requirements. In addition to our round profiles, we also manufacture custom square and rectangular tubes tailored to your precise needs.

1. ASTM A270 (Sanitary Tubing)

Applications: Food, dairy, and pharmaceutical industries. Sizes follow OD (outside diameter) standards.

OD (mm)	Thickness Range (mm)
6.35	0.89 – 1.24
9.53	0.89 – 1.65
12.7	1.24 – 1.65
19.05	1.24 – 2.11
25.4	1.24 – 2.11
38.1	1.65 – 2.77
50.8	1.65 – 2.77
63.5	1.65 – 3.05
76.2	2.11 – 3.05
101.6	2.11 – 3.05
127	1.50 – 6.00
204	1.50 – 6.00

2. ASTM A249 (Heat Exchanger / Boiler Tubes)

Applications: Primarily used for heat exchangers, condensers, and boilers.

OD (mm)	Thickness Range (mm)
12.7	0.71 – 1.24
15.9	0.71 – 1.65
19.1	0.89 – 1.65
25.4	0.89 – 2.11
31.8	1.24 – 2.77
38.1	1.24 – 2.77
50.8	1.65 – 3.05

3. ASTM A269 (General Service Tubing)

Applications: Most widely used for instrumentation, mechanical, and structural piping.

OD (mm)	Thickness Range (mm)
6.35	0.89 – 1.65
9.53	0.89 – 1.65
12.7	1.00 – 2.11
19.1	1.24 – 2.77
25.4	1.24 – 3.05
38.1	1.65 – 3.68
50.8	1.65 – 3.91
63.5	2.11 – 4.78
76.2	2.11 – 5.16

Note: Custom specifications and materials available on request.
