



PIPES · FITTINGS · HOLLOW SECTIONS

SUPPLY YOU CAN BUILD ON.

Part of a 64-year group · Visakhapatnam

S.G. ENTERPRISES

Plot No. 18B, Block D, Expansion IDA, Autonagar, Visakhapatnam
530012

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sgepipes.in



WHO WE ARE

S.G. Enterprises stocks and supplies steel pipes, pipe fittings, flanges and valves to industry, contractors and dealers.

Established in Visakhapatnam in 2014, we are part of a group with 64 years in the industry. From our warehouse at IDA Autonagar we deliver MS ERW, GI, seamless and stainless steel material across Andhra Pradesh, Telangana and Odisha.

Through sister concerns with warehouses in Ghaziabad and Howrah, we also reach customers in Northern and Eastern India.



64

years of group experience

3

states served from
Visakhapatnam

3

group warehouses:
Visakhapatnam, Ghaziabad,
Howrah

WHAT YOU GET FROM US

01 Ready stock

A wide range held ex-stock, so material moves when you need it.

03 Trusted makes

Tata, Jindal, Maharashtra Seamless and other established mills.

05 Packaging and inventory support

Supply planned around your site or shop requirement.

02 Certified material

Supplied with mill test certificates; IBR certificates where required.

04 On-time delivery

Careful handling and dispatch, so orders arrive on schedule and in good condition.

06 A team that answers

Quick replies on rates, availability and specifications.



WHAT WE SUPPLY

PRODUCT		GRADES AND STANDARDS	SIZE
01	MS and GI ERW pipes	IS 1239, IS 3589. Black and galvanised.	1/2" to 20"
02	Square and rectangular hollow sections	IS 4923, ASTM A500.	On request
03	Carbon steel seamless pipes and boiler tubes	ASTM A106 Gr. B, A53, A333 Gr. 6, API 5L, SA 179, DIN 17175, BS 3059. IBR and non-IBR.	1/2" to 24"
04	Alloy steel seamless pipes	ASTM A335 P5, P9, P11, P22. IBR and non-IBR.	1/2" to 18"
05	Stainless steel pipes and tubes	304, 304L, 316, 316L, 317L, 321, 310S, 904L. ERW, EFW and seamless to ASTM A312, A213, A269, A358.	Up to 32"
06	Nickel and special alloys	Alloy 20, Nickel 200, Monel 400/500, Inconel 600/625, Incoloy 800/825, Hastelloy C-276/C-22, titanium, duplex and super duplex. Pipes, fittings, flanges, plates, fasteners.	On request
07	Stainless steel plates	304, 304L, 316, 316L, 317L, 321, 310, 410.	0.3 to 100 mm
08	MS and boiler plates, structurals	IS 2062 Gr. A, IS 2002, ASTM A516 Gr. 60/70, Hardox 400/500. Angles, channels and beams.	3 to 150 mm
09	CS and GI fittings and flanges	ASTM A234, A105; GI to IS. Butt-weld, socket-weld and screwed. Flanges: SORF, BLRF, socket weld, weld neck. IBR and non-IBR.	1/2" to 48"
10	SS fittings and flanges	304, 304L, 316, 316L to ASTM A403, A182, A240. Welded and seamless.	1/2" to 48"
11	Tube fittings	Male connector, weld connector, bulkhead connector, male elbow, run tee, branch tee.	On request
12	Fasteners	Stainless, carbon and alloy steel. Hex bolts, U bolts, eye bolts, Allen caps, lock nuts, set screws, washers, threaded rod, anchors.	On request
13	Valves and strainers	Butterfly, globe, non-return and spherical disc valves; Y, pot and T-type strainers. See page 6.	8 to 1200 mm

Need something not listed? Send us the specification. We source to grade, size and make.

PIPES AND TUBES

ERW and seamless pipes for water, steam, structural and process lines, and seamless tubes for boilers, superheaters, heat exchangers and condensers.



MS TUBES TO IS 1239 (PART 1): QUICK CHART

Black, plain end

NOMINAL BORE		OD	WALL THICKNESS, MM			WEIGHT, KG/M		
MM	INCH		LIGHT	MEDIUM	HEAVY	LIGHT	MEDIUM	HEAVY
15	1/2"	21.3	2.0	2.6	3.2	0.947	1.21	1.44
20	3/4"	26.9	2.3	2.6	3.2	1.38	1.56	1.87
25	1"	33.7	2.6	3.2	4.0	1.98	2.41	2.93
32	1 1/4"	42.4	2.6	3.2	4.0	2.54	3.10	3.79
40	1 1/2"	48.3	2.9	3.2	4.0	3.23	3.56	4.37
50	2"	60.3	2.9	3.6	4.5	4.08	5.03	6.19
65	2 1/2"	76.1	3.2	3.6	4.5	5.71	6.42	7.93
80	3"	88.9	3.2	4.0	4.8	6.72	8.36	9.90
100	4"	114.3	3.6	4.5	5.4	9.75	12.2	14.5
125	5"	139.7	–	4.8	5.4	–	15.9	17.9
150	6"	165.1	–	4.8	5.4	–	18.9	21.3

Nominal values. Weight tolerance on loads of 10 tonnes and above: light $\pm 5\%$, medium and heavy $\pm 7.5\%$. Hydro test pressure 5 MPa. Galvanised and screwed-and-socketed weights on request.

AVAILABLE EX-STOCK WITH TEST CERTIFICATES

MS ERW and GI pipes	IS 1239 (Part 1)	CS seamless boiler tubes	BS 3059, ASTM A210 Gr. A1, DIN 17175 St 35.8
Large-diameter ERW pipes	IS 3589	ERW and CDW boiler tubes	BS 3059 ERW / CDW
MS square and rectangular sections	IS 4923, ASTM A500	Alloy steel seamless pipes	ASTM A335 P1, P5, P11, P22
CS seamless pipes	ASTM A106 Gr. B	Alloy steel seamless tubes	ASTM A213 T11, T22
API line pipe	API 5L Gr. B	Heat exchanger tubes	ASTM A179
Low-temperature seamless	ASTM A333 Gr. 6, A334 Gr. 1		

IBR material is supplied with IBR test certificates. Seamless pipes are available in Sch 5 to XXS.

FITTINGS AND FLANGES

In carbon, alloy and stainless steel, IBR and non-IBR. Monel, Inconel, Hastelloy, titanium, copper and brass on request.

BUTT-WELD FITTINGS



TYPES	Elbows 90° and 45° (long and short radius), equal and reducing tees, concentric and eccentric reducers, return bends, stub ends, caps, crosses
CARBON	ASTM A234 WPB, A420 WPL6, MSS SP-75 WPHY 42 to 70
ALLOY	ASTM A234 WP5, WP9, WP11, WP22, WP91
STAINLESS	ASTM A403 WP304, 304L, 316, 316L, 321, 347, 904L
SIZE	1/2" to 48" NB, seamless and welded. Sch 5S to XXS
DIMENSIONS	ANSI B16.9, MSS SP-43

FORGED FITTINGS



Socket weld and screwed

TYPES	Elbows, tees, unions, crosses, couplings, caps, bushings, plugs, hex and swage nipples, street elbows, weldolets, sockolets, thredolets
CARBON	ASTM A105, A350 LF2, A694 F42 to F70
ALLOY	ASTM A182 F5, F9, F11, F22
STAINLESS	ASTM A182 F304, 304L, 316, 316L, 321, 347, 904L
SIZE	1/8" to 4" NB
RATING	3000#, 6000#, 9000#

FLANGES



TYPES	Slip-on, blind, weld neck, socket weld, screwed, lap joint, ring joint, spectacle, orifice, reducing, plate
CARBON	ASTM A105, IS 2062, A350 LF2, LF3
ALLOY	ASTM A182 F5, F9, F11, F22
STAINLESS	ASTM A182 F304, 304L, 316, 316L, 321, 347, 904L
SIZE	1/2" to 48" NB
RATING	150# to 2500# (ANSI B16.5). BS 10 Table D, E, F, H. DIN

VALVES AND STRAINERS



BUTTERFLY VALVE

BS 5155, API 609, AWWA C504, IS 13095.
Lever or gear operated.

Cast iron	Wafer or double flange, up to 1200 mm
Cast carbon steel	Wafer, rubber lined, 40 to 500 mm
Stainless steel	Wafer, offset disc, 40 to 400 mm



SPHERICAL DISC VALVE

40 to 900 mm. Lever, worm gear, pneumatic or electric actuation.

Body and disc	CF8, CF8M, cast iron, WCB
Seat	PTFE, EPDM or metal to metal
Temperature	-50 to 220°C soft seat; to 600°C metal seat



NON-RETURN VALVE

BS 1868, BS 6755, ASME B16.34, API 6D.

SS bar stock	150#, 300#. 8 to 100 mm
Forged CS / SS	150# to 1500#. 15 to 400 mm
Cast CS / SS / alloy	150# to 900#. 15 to 400 mm
Cast iron	125#, 150#. 25 to 600 mm



DIN NON-RETURN VALVE

Flanged, DIN pattern.

Cast CS / SS / alloy	PN 40, PN 64. 15 to 300 mm
Cast iron	PN 10, PN 16. 15 to 250 mm



DIN GLOBE VALVE

BS 1873, DIN 3356, ASME B16.34. Tested to BS 6755.

Cast CS / SS	PN 40, PN 64. 25 to 300 mm
Cast iron	PN 10, PN 16. 15 to 250 mm



STRAINERS

Y, pot and T-type. Screwed, socket weld or flanged ends.

Y-type, cast CS / SS	PN 40. 15 to 300 mm
Y-type, SS	150#, screwed or socket weld. 15 to 80 mm
Y-type, cast iron	150#, screwed or flanged. 15 to 300 mm
Pot type	Flanged. 40 to 300 mm
T-type (dirt box)	Flanged. 25 to 300 mm



BRANDS WE STOCK

**TATA PIPES / TATA STRUCTURA / JINDAL STAR /
JINDAL HISSAR / MAHARASHTRA SEAMLESS /
SURYA PRAKASH / NEZONE**

EXCLUSIVE DISTRIBUTOR

TRUX FITTINGS

GI and stainless pipe fittings and flanges: elbows, bends, tees, reducers and more.



INDUSTRIES WE SERVE

Oil and gas	Refineries	Power plants	Iron and steel
Pharmaceuticals	Chemicals	Fertilizers	Cement
Sugar	Food processing	Dairy	Beverages
Paper	Textiles	Automobile	Solar energy



SEND US YOUR REQUIREMENT

Share the size, grade and quantity. We will reply with rate and availability.

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