



D E L I V E R I N G V A L U E



ISO 9001 CERTIFIED COMPANY

BRANDS:



COMPANY OVERVIEW

AST Pipes Private Limited (AST) sounds like a reputable and forward-thinking company in the Indian piping industry. Based on the information provided, here are some key highlights about AST Pipes:

1. **Industry Dominance:** AST Pipes has established itself as a dominant player in the Indian piping industry, indicating a strong market presence and recognition.
2. **Product Specialization:** The company's focus on manufacturing and supplying ERW pipes sets it apart as a specialist in this particular type of steel tubes and pipes.
3. **Diverse Customer Base:** AST Pipes caters to a wide range of industries, including infrastructure, telecommunications, defence, railroads, airports, real estate, and automobiles. This diversification likely contributes to the company's stability and resilience.
4. **Research and Development:** AST Pipes prioritizes research and development, aiming to become a research-led piping solutions provider. This approach suggests a commitment to innovation and staying at the forefront of the industry.
5. **Innovative Product Lines:** The emphasis on research-based approaches allows AST Pipes to introduce innovative product lines regularly, demonstrating adaptability and responsiveness to evolving market demands.
6. **Technology Investment:** By investing in cutting-edge technology, AST Pipes positions itself as a technologically advanced company capable of meeting the evolving needs of its clients effectively.
7. **Sustainability Focus:** The company's commitment to minimizing its environmental footprint through responsible manufacturing practices shows a dedication to social and environmental responsibility.
8. **Quality Standards and Customer Service:** AST Pipes takes pride in its quality standards and customer service, emphasizing the importance of delivering products that meet clients' specific requirements.

Overall, AST Pipes seems to have a well-rounded approach to its business operations, encompassing research, innovation, technology, sustainability, and customer-centricity. As a leading manufacturer and supplier in the Indian piping industry, the company likely plays a significant role in infrastructure development and various other sectors.



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CHAIRMAN MESSAGE

Dear Customers,

I am pleased to take the opportunity to introduce AST Pipes of Companies as a leading manufacture and exporter of Galvanized and Black Steel Pipes and Tubes, in and abroad, since last 35 years.

Considering the potential available, state-of-the-art manufacturing plant for Black Steel Tubes & Pipes was installed with the capacity of 10,000 MT in the beginning and having the acceptability of AST brand pipes and tubes in and abroad, the production capacity increased up to 1,25,000 MT in short span of time, having sizes 15mm up to 400mm with light, medium & heavy class maintaining the standards like IS, ASTM, and other international standard.

After successful introduction of Black Steel Tubes, company added the Galvanized Plant Precision pipe plant and many other products to capture the market needs.

Being Proactive, professional and having a Vision to become a leading organisation of India, company kept on adding similar product range with new size and thickness. CR Coils & GP Coils plant and large size pipes from 175mm to 400mm, which are in high demand in Domestic & International market where re-construction is on high speed are the example of company proactive-ness in the business.

The outlook for the Steel Industry is very bright in India & abroad, therefore, all proactive decision are being taken to capture the need at all levels.

New projects of colour coating sheets are under process for having more bright future for the company which shall be shared in due course of time.

Once again I would like to convey my sincere thanks to you for showing your dedication and patronage.

Yours truly,

Sh. Mahender Aggarwal

Chairman



OUR BRANDS

Explore Our Brand's Portfolio Showcasing
Exceptional Steel Pipe Solutions, Each
Crafted with Precision, Quality, and
Innovation at its Core

AST
DURABLE

M.S. ERW
ROUND
TUBES/PIPES

AST
POWER

M.S. ERW
SQUARE &
RECTANGULAR
TUBES/PIPES

AST
Green

PRE-GALVANISED
ERW
TUBES/PIPES

AST
SHINE

COLD ROLLED
FULL HARD
TUBES/PIPES

AST
VALUE

PRECISION
TUBES/PIPES

Gaurang
SAMRIDHI

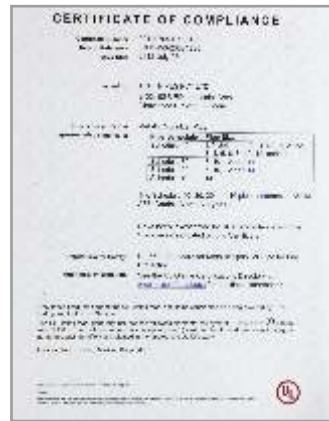
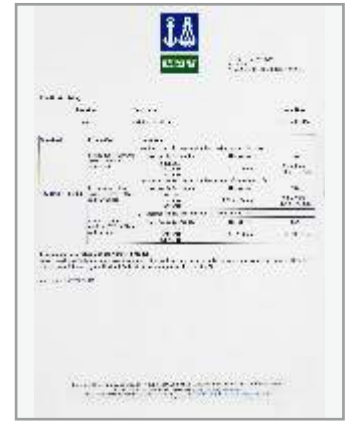
GP COILS

QUALITY PROFILE

"TQS
thru' TQM" (Total Quality
Service through Total Quality
Management) AST is having vast and rich
experience of about 25 years. Quality control is a
continuous process and AST focus is maintained by
qualified engineers. A rigid vigilance is being
maintained to ensure that quality products are being
produced and sent out of the factory. Raw material is tested
for chemical composition, tensile strength, elongation,
thickness and tolerance. The pipes are subject to the Bend,
Flattening Elongation and Tensile Tests to ensure weld strength.
Products are tested Hydro static Test' each pipe tested at
required pressure as applicable specification & customer
required to ensure that there is no leakage. Galvanized pipes
are tested for the uniformity of zinc coating. Each pipes
checks visually under proper illumination for surface finish
& dimensional check. All relevant Indian and
International standard are being followed at the time
of manufacturing to ensure that Right Product at
Right Time is being delivered to its
valuable customers, all over the
world.



RECOGNISED BY EXPERTS



Awarded by U.P. Govt.
For One of the Best
State Unit in
the Year 1990-91

ISO 9001 Certified Company



Steel Tubes for Ordinary uses in Water Gas and Air Lines
Conforming to IS : 1239 (Part - 1) 2004 & EN:10255, EN:10219



N.B. and Series	Outside Diameter		Wall Thickness		Nominal Weight Black Tubes				Nominal Weight Galvanized Tubes				Sockets		
					Plain End		Screwed & Socketed		Plain End		Screwed & Socketed		Minimum O.D.	Minimum Length	
mm	minimum mm	maximum mm	mm	swg	kg/m	m/tonne	kg/m	m/tonne	kg/m	m/tonne	kg/m	m/tonne	mm	mm	
15	L	21.0	21.4	2.00	14	0.947	1056	0.956	1046	0.947	1056	0.956	1046	27.0	37.0
	M	21.0	21.8	2.60	12	1.21	826	1.22	819	1.21	826	1.22	819		
	H	21.0	21.8	3.20	10	1.44	694	1.45	689	1.44	694	1.45	689		
20	L	26.4	26.9	2.30	13	1.38	724	1.39	719	1.38	724	1.39	719	32.5	39.0
	M	26.5	27.3	2.60	12	1.56	641	1.57	637	1.56	641	1.57	637		
	H	26.5	27.3	3.20	10	1.87	534	1.88	532	1.87	534	1.88	532		
25	L	33.2	33.8	2.60	12	1.98	505	2.0	500	1.98	505	2.0	500	39.5	46.0
	M	33.3	34.2	3.20	10	2.41	415	2.43	411	2.41	415	2.43	411		
	H	33.3	34.2	4.00	8	2.93	341	2.95	339	2.93	341	2.95	339		
32	L	41.9	42.5	2.60	12	2.54	393	2.57	389	2.54	393	2.57	389	49.0	51.0
	M	42.0	42.9	3.20	10	3.10	322	3.13	319	3.10	322	3.13	319		
	H	42.0	42.9	4.00	8	3.79	264	3.82	261	3.79	264	3.82	261		
40	L	47.8	48.4	2.90	11	3.23	309	3.27	306	3.23	309	3.27	306	56.0	51.0
	M	47.9	48.8	3.20	10	3.56	281	3.60	277	3.56	281	3.60	277		
	H	47.9	48.8	4.00	8	4.37	229	4.41	226	4.37	229	4.41	226		
50	L	59.6	60.2	2.90	11	4.08	245	4.15	241	4.08	245	4.15	241	68.0	60.0
	M	59.7	60.8	3.60	9	5.03	199	5.10	196	5.03	199	5.10	196		
	H	59.7	60.8	4.50	7	6.19	161	6.26	159	6.19	161	6.26	159		
65	L	75.2	76.0	3.20	10	5.71	175	5.83	171	5.71	175	5.83	171	84.0	69.0
	M	75.3	76.6	3.60	9	6.42	155	6.54	153	6.42	155	6.54	153		
	H	75.3	76.6	4.50	7	7.93	126	8.05	124	7.93	126	8.05	124		
80	L	87.9	88.7	3.20	10	6.72	149	6.89	145	6.72	145	6.89	145	98.0	75.0
	M	88.0	89.5	4.00	8	8.36	119	8.53	117	8.36	119	8.53	117		
	H	88.0	89.5	4.80	6	9.90	101	10.10	99	9.90	101	10.10	99		
100	L	113.0	113.9	3.60	9	9.75	102	10.0	100	9.75	102	10.0	100	124.0	87.0
	M	113.1	115.0	4.50	7	12.20	82	12.50	80	12.20	82	12.50	80		
	H	113.1	115.0	5.40	5	14.50	69	14.80	67	14.50	69	14.80	67		
125	M	138.5	140.8	4.80	6	15.90	63	16.40	61	15.90	63	16.40	61	151.0	96.0
	H	138.5	140.8	5.40	5	17.9	56	18.40	54	17.9	56	18.40	54		
150	M	163.9	166.5	4.80	6	18.90	53	19.50	51	18.90	53	19.50	51	178.0	96.0
	H	163.9	166.5	5.40	5	21.3	47	21.90	45	21.3	47	21.9	45		

TOLERANCES

(a) Thickness

1. Light Tubes + not limited -8%
2. Medium and + not limited Heavy Tubes - 10%

(b) Weight

1. Single Tube (Light Series) + 10%
- 8%
2. Single tubes (Medium and Heavy series) ± 10%
3. For quantities per load of 10 tonnes minimum (Light series) + 7.5%
- 5%
4. For quantities per load of 10 tonnes minimum (medium and heavy series) ± 7.5%

(c) LENGTH

Unless otherwise specified 4 to 7 meters.

APPLICATIONS

- Water Lines
- Fire fighting
- Gas Lines



Steel Tubes for Structural Purposes Conforming to IS : 1161 : 2014
Grade YST 210, YST 240, YST 310, YST 355



N.B. and Series	Outside Diameter	Thickness	Nominal Weight Black Tubes Plain End		Calculated Nominal Weight Galvanized Tubes Plain End	
			Kg/m	m/tonne	Kg/m	m/tonne
15	21.3	2.0	0.952	1056	1.00	1003
		2.6	1.20	826	1.26	794
		3.2	1.43	694	1.49	671
20	26.9	2.3	1.20	725	1.43	699
		2.6	1.56	641	1.61	621
		3.2	1.87	535	1.92	521
25	33.7	2.6	1.99	505	2.03	493
		3.2	2.41	415	2.46	407
		4.0	2.93	341	2.98	336
32	42.4	2.6	2.55	394	2.62	382
		3.2	3.09	323	3.18	314
		4.0	3.79	264	3.87	258
40	48.3	2.9	3.25	310	3.34	299
		3.2	3.56	281	3.67	272
		4.0	4.37	229	4.48	236
50	60.3	2.9	4.11	245	4.20	238
		3.6	5.03	199	5.15	194
		4.5	6.16	162	6.31	158
65	76.1	2.9	5.24	175	5.86	171
		3.6	6.44	156	6.57	152
		4.5	7.95	126	8.10	123
80	88.9	3.2	8.76	149	6.90	145
		4.0	8.38	120	8.54	117
		4.8	9.96	101	10.08	99
90	101.6	3.6	8.70	115	8.97	111
		4.0	9.63	144	7.20	139
		4.8	11.46	87	11.77	85
100	114.3	3.6	9.83	103	9.97	100
		4.5	12.19	82	12.42	81
		5.4	14.50	69	14.72	68
110	127.0	4.5	13.59	74	13.90	72
		4.8	14.47	69	14.80	68
		5.4	16.19	62	14.80	61
125	139.7	4.5	15.00	67	15.25	66
		4.8	15.97	63	16.15	62
		5.4	17.89	56	18.15	55
135	152.4	4.5	16.41	61	16.78	60
		4.8	17.47	57	17.88	56
		5.4	19.58	51	19.98	55
150	165.1	4.5	17.82	56	18.20	55
		4.8	18.98	53	19.30	52
		5.4	21.27	47	21.70	46
150	168.3	4.5	18.18	55	18.66	54
		4.8	19.35	52	19.88	50
		5.4	21.69	46	22.24	45
		6.3	25.17	40	41.00	24
175	193.7	4.8	22.36	45	22.94	44
		5.4	25.08	40	25.64	39
		5.9	27.33	37	27.84	36
200	219.1	4.8	25.37	39	25.95	39
		5.6	29.49	34	30.05	33
		5.9	31.02	32	31.55	32
225	244.5	5.9	34.72	29	35.36	28
250	273.0	5.9	38.86	26	39.68	25
300	323.9	6.3	49.34	20	50.28	20
350	355.6	8.0	68.58	15	69.58	14

A. TENSILE PROPERTIES

Grade	Y.S. (MIN) Mpa	T.S. (MIN) Mpa	% age Elongation
YST-210	210	330	20
YST-240	240	410	17
YST-310	310	450	14
YST-355	355	490	10

Note : Elongation percent for tubes up to and including 25mm NB for all grades shall be 12 minimum.

B - TOLERANCE

- (i) Outside Diameter upto & including 48.3 mm
 - + 0.4mm
 - 0.8mm
- Over 48.3mm
 - ± 1%
- (ii) Thickness
 - ± 10%
- (iii) Weight Single Tube
 - + 10%
- 10 tonne lots
 - ± 7.5%

APPLICATIONS

- Structural Purposes

Steel Tubes for Water and Sewage Purposes
conforming to IS : 3589 : 2001 (Grade Fe 330
Fe 410 and Fe 450



Outside Diameter mm	Wall Thickness mm	Weight (Plain End)	
		kg/m	m/tonne
168.3	2.6	10.6	94
	3.2	12.0	83
	4.0	16.2	62
	4.5	18.2	55
219.1	2.6	13.9	72
	3.6	19.1	52
	4.5	23.8	42
	6.3	33.1	30
273	3.6	23.9	42
	4.0	26.5	38
	5.0	33.0	30
	6.3	41.1	24
323.9	4.0	31.8	31
	4.5	35.4	28
	5.6	44.0	23
	7.1	55.5	18
355.6	4.0	34.7	29
	5.0	43.2	23
	5.6	48.3	21
	8.0	68.6	15
406.4	4.0	39.7	25
	5.0	49.5	20
	6.3	62.2	16
	8.8	86.3	12

Physical Properties

Grade	Y.S. Min	T.S. Min	% age Elongation Min
FE 330	195	330	20
FE 410	235	410	18
FE 450	275	450	15

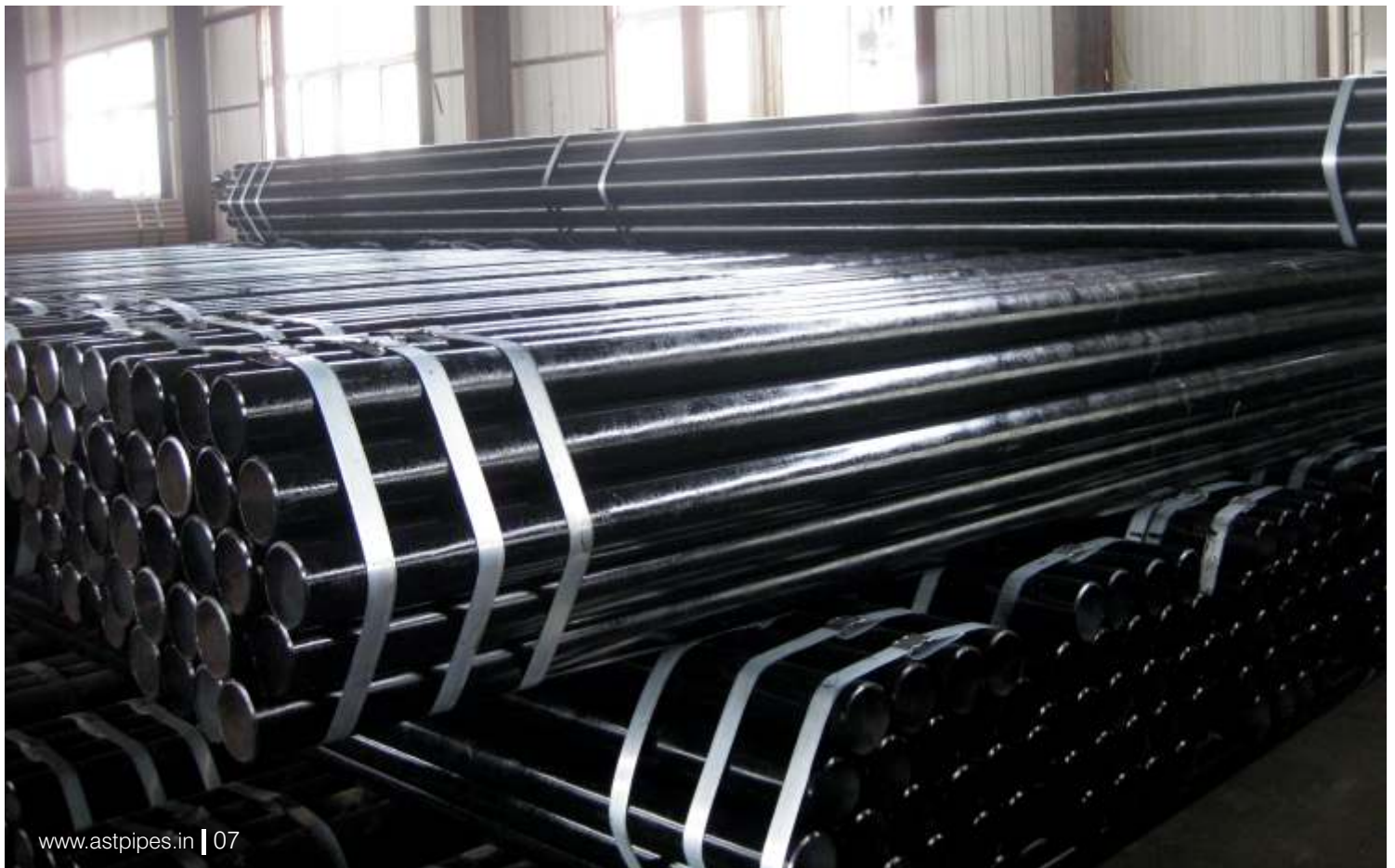
TOLERANCES

- Outside diameter of ERW pipe $\pm 0.75\%$
- Thickness $\pm 10\%$
- Unless otherwise specified,
Lengths are in single random
lengths from 4 to 7 meters and
double random lengths from 7 to 14 meters.

Note : Sizes other than specified above may be
supplied as per customer

APPLICATIONS :

- Water Line Purpose
- Sewage Lines Purpose



Steel Tubes For Water Wells (Casing Pipes)
Conforming to IS : 4270:2001
Fe 410 and Fe 450



N.B. and Series	Outside Diameter	Thick ness	Nominal Weight Black Tubes Plain End
mm	mm	mm	kg/m
100	114.3	5.0	13.48
125	141.3	5.0	16.80
150	168.3	5.0	20.13
175	193.7	5.4	25.10
200	219.1	5.4	28.46
225	244.5	6.0	35.29
250	273.1	7.1	46.57
300	323.9	7.1	55.47
350	355.6	8.0	68.57
350	355.6	10.0	85.22
350	355.6	12.0	101.67
400	406.4	8.0	78.60
400	406.4	10.0	97.75
400	406.4	12.0	116.71

Physical Properties

Grade	Y.S. (MIN) MPa	T.S. (MIN) Mpa	%age Elongation Min
FE410	235	410	15
FE450	275	450	13

TOLERANCES

- a. Outside Diameter ±1.0%
- b. Thickness +15%
Upto 406.4 mm OD - 12.5%
- c. Weight + 10%
Single Tube - 8%
- d. Length unless otherwise specified 4 to 7 mtrs

APPLICATIONS

- Water Wells Casing Purpose



Steel Tubes use for Special Engineering Purpose As Per IS 9295/1983

Outside Diameter (OD) mm	Thickness mm	Weight		Outside Diameter (OD) mm	Thickness mm	Weight		
		kg/mtr.	Mtr/tonne			kg/mtr.	Mtr/tonne	
63.5	3.65	5.39	186	139.7	4.50	15.00	67	
	4.50	6.55	153		4.85	16.13	62	
76.1	3.65	6.52	153	152.4	5.40	17.89	56	
	4.50	7.95	126		6.30	20.73	48	
88.9	4.05	8.47	118	159.0	4.50	16.40	61	
	4.85	10.05	100		4.85	17.65	57	
	6.30	12.83	78		5.40	19.58	51	
101.6	4.05	9.74	103	165.1	6.30	22.70	44	
	4.85	11.57	86		168.3	4.50	17.10	58
	6.30	14.81	68			4.85	18.44	54
108.0	4.05	10.38	96	193.7	5.40	20.46	47	
	4.85	12.34	81		219.1	6.30	23.72	42
	6.30	15.80	63			4.50	17.80	56
114.3	4.50	12.19	82	168.3	4.85	19.17	52	
	5.40	14.50	69		193.7	5.40	21.27	47
	6.30	16.78	60			6.30	24.67	41
127.0	4.50	13.60	74	219.1	4.50	18.20	55	
	4.85	14.61	68		4.85	19.55	51	
	5.40	16.19	62		5.40	21.69	46	
	6.30	18.75	53		6.30	25.17	40	
133.0	4.50	14.30	70	219.1	5.40	25.10	40	
	4.85	15.33	65		6.30	29.12	34	
	5.40	16.99	59		7.10	32.67	31	
	6.30	19.69	51		5.40	28.50	35	
					6.30	33.06	30	
					7.10	37.12	27	

TOLERANCES :

A) Ovality	
Below 168.3	0.5mm
Including 168.3mm & above	1.0mm
B) Eccentricity	5% Max
C) Mass	
I) Single Tube	± 10%
II) Per Load of 10 M.T	± 7.5%
D) Outside Diameter	± 0.8%

E) Thickness	± 10%
F) Straightness	1/1000 of any length
G) length	
I) Random	4 to 7 Mtr.
II) Exact	(+)6mm (-)0mm

APPLICATIONS

- Conveyor & Idler Applications

HOLLOW SECTION STEEL TUBE



AST which covers MS Black, G.I. Round pipes and Hollow Sections both in Rectangular and Square Quality rolled on High Frequency Induct weld HFIW mills.

Steel Tubes use for structures Purpose IS 4923 / 2017

Size	Thickness																					
	0.6	0.7	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0	3.2	3.6	4.0	4.5	5.0	5.4	6.0	8.0	
15x15																						
20x20																						
25x25																						
30x30																						
32x32																						
35x35																						
38x38																						
40x40																						
45x45																						
50x50																						
60x60																						
70x70																						
72x72																						
80x80																						
90x90																						
91.5x91.5																						
100x100																						
113x113																						
120x120																						
135x135																						
150x150																						
250x250																						

Size	Thickness																					
	0.6	0.7	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0	3.2	3.6	4.0	4.5	5.0	5.4	6.0	8.0	
25x13																						
30x20																						
40x20																						
40x30																						
40x25																						
45x35																						
50x25																						
50x30																						
50x40																						
60x40																						
60x30																						
71.75x55.75																						
75x25																						
66x33																						
80x20																						
80x30																						
80x40																						
80x50																						
90x60																						
96x48																						
100x50																						
122x61																						
145x82																						
160x80																						
200x100																						

TOLERANCES

The following tolerances shall be permitted on Hollow section

- A) Thickness $\pm 7.5\%$
- B) Outside Dimension of sides $\pm 1\%$
With a minimum of $\pm 0.5\text{mm}$

C) Weight

- 1. On individual lengths

+ 10%
- 8%

- 2. On lots of 10 tonne

$\pm 7.0\%$

D) Squareness of Corner

$90^\circ \pm 02^\circ$

E) Radius of Corner outside $R=3T$ Max, where T is the thickness of the section.

APPLICATIONS

- Machine Equipment
- Agricultural Equipment
- Furniture
- Earth Moving Equipment
- Automotive Parts
- Fencing / Railing

We are offering a distinguished assortment of Pre-Galvanised Round, square and Rectangular pipe. The offered range finds extended applications in several industries. Our offered tube is immensely popular in the market, owing to its high strength, corrosion resistance and durability. Clients can avail of this tube can be availed in various sizes and dimensions as per their different requirements.

Pre-Galvanised Round Pipes

Size	Thickness													
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0
13.5														
15.88														
17.20														
18.50														
19.05														
21.3														
22.23														
25.4														
26.9														
28.58														
30.4														
31.75														
33.7														
38.1														
40.0														
41.3														
42.4														
44.5														
48.3														
50.8														
52.0														
54.5														
57.15														
60.3														
63.5														
66.0														
70.0														
72.0														
73.0														
76.1														
81.3														
88.9														



Pre-Galvanised Square Pipes

Size	Thickness														
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0	
15x15															
20x20															
25x25															
30x30															
32x32															
35x35															
38x38															
40x40															
45x45															
50x50															
60x60															

Pre- Galvanised Rectangular Pipes

Size	Thickness														
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0	
25x13															
30x20															
40x20															
40x30															
40x25															
45x35															
50x25															
50x30															
50x40															
60x40															
60x40															
60x30															
71.75x55.75															
75x25															
80x20															
80x30															
80x40															
80x50															
96x48															
96x48															

APPLICATIONS

- Solar Mounting Structures
- Cabling and Ducting
- Fencing / Railing
- Greenhouse Structures
- Gates and Grills
- Electrical Conduit



COLD ROLLED FULL HARD TUBES



We are manufactures the highest quality Cold Rolled Full Hard Pipe made from CRFH Coils. Our CRFH pipes provide the highest level of strength and are excellent in tolerance properties. We provide these pipes in various finishes as per the customer's requirement.

Cold Rolled Full Hard Round Pipes

Size	Thickness								
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8
13.5									
15.88									
17.20									
18.50									
19.05									
21.3									
22.23									
25.4									
26.9									
28.58									
30.4									
31.75									
33.7									
38.1									
40.0									
41.3									
42.4									
44.5									
48.3									
50.8									
52.0									
54.5									
57.15									
60.3									
63.5									
66.0									
70.0									
72.0									
73.0									
76.1									
81.3									
88.9									



Cold Rolled Full Hard Square Pipes

Size	Thickness								
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8
15x15									
20x20									
25x25									
30x30									
32x32									
35x35									
38x38									
40x40									
45x45									
50x50									
60x60									

Cold Rolled Full Hard Rectanular Pipes

Size	Thickness								
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8
25x13									
30x20									
40x20									
40x30									
40x25									
45x35									
50x25									
50x30									
50x40									
60x40									
60x30									
71.75x55.75									
75x25									
66x33									
80x20									
80x30									
80x40									
80x50									
96x48									
100x50									



APPLICATIONS

- Automotive Parts
- Electrical Motors
- Racking/Shelving
- Water Heaters, Pools
- Commercial Doors
- Greenhouse Structures
- Fencing / Railing



PRECISION TUBES



AST is an Indian pioneer in making precision tubes with new advanced facilities and processes. Producing and developing tubes for automotive and energy applications, AST is a name that spells unconditional commitment, quality, productivity and innovation.

Conforming to IS : 3074/3601

Size	Thickness																			
	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.5	2.8	3.0	3.2	3.6	4.0	4.5	5.0	5.4
13.5																				
15.88																				
17.20																				
18.50																				
19.05																				
22.23																				
25.4																				
28.58																				
30.4																				
31.75																				
38.1																				
40.0																				
41.3																				
44.5																				
50.8																				
52.0																				
54.5																				
57.15																				
63.5																				
66.0																				
70.0																				
72.0																				
73.0																				
81.3																				
94.0																				
101.6																				
108.0																				
127.0																				

APPLICATIONS

- Industrial Equipments
- Furniture
- Machinery Parts
- Fencing / Railing
- General Engineering Purpose
- Fan Rods
- Tubes for Discharge Electrodes
- Electrical Conduits & Components
- Bus Body Building
- Automobile Industry
- Bicycle Manufacturing
- Umbrella Tubes



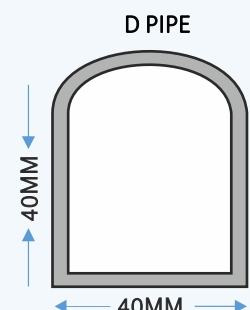
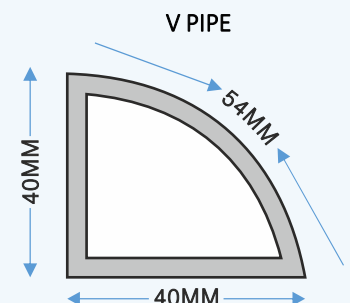
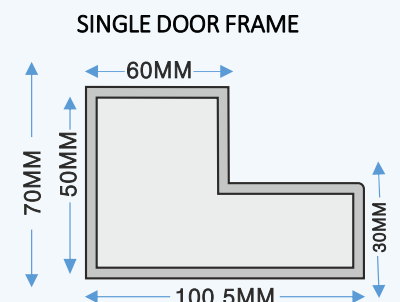
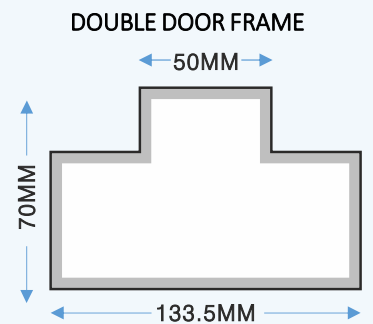
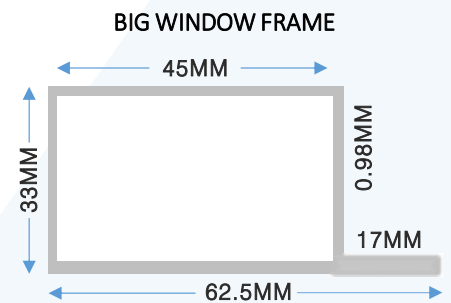
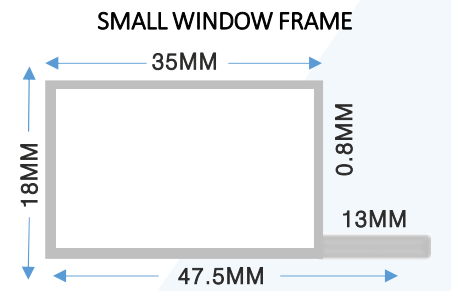
Product Range of ERW Mild Steel, Pre-Galvanised & Hot Dip Galvanised Tubes & Pipes

MS Round Pipes Fincut 19.05 OD to 406.4 OD		MS Square Pipes	
Outside Diameter (mm)	Thickness mm	Size	Thickness mm
13.50	0.80-2.0mm	15x15	0.60-2.5mm
15.88	0.60-2.0mm	20x20	0.60-2.8mm
17.20	0.60-2.5mm	25x25	0.60-4.0mm
18.50	0.60-2.5mm	30x30	0.60-2.8mm
19.05	0.60-2.8mm	32x32	0.60-4.5mm
21.30	0.60-3.5mm	38x38	0.60-4.5mm
22.23	0.60-3.5mm	40x40	0.60-4.5mm
25.40	0.60-4.0mm	45x45	0.60-4.5mm
26.90	0.60-4.0mm	50x50	0.7-6.0mm
28.58	0.60-4.0mm	60x60	0.8-6.0mm
30.40	0.60-4.0mm	70x70	2.0-4.0mm
31.75	0.60-3.2mm	72x72	2.0-6.0mm
33.70	0.60-4.5mm	80x80	2.0-6.0mm
38.10	0.60-5.0mm	90x90	2.5-6.0mm
40.00	0.6-5.0mm	91.5x91.5	2.5-6.0mm
41.30	0.60-4.0mm	100x100	2.5-8.0mm
42.40	0.60-5.0mm	113x113	2.5-8.0mm
44.50	0.60-4.0mm	120x120	2.5-8.0mm
48.30	0.60-5.0mm	135x135	3.0-8.0mm
50.80	0.70-5.0mm	150x150	3.0-8.0mm
54.50	0.70-4.0mm	250x250	4.0-8.0mm
57.15	0.60-5.0mm		
60.30	0.70-5.0mm		
63.50	0.70-5.0mm		
70.00	0.80-5.0mm		
72.00	0.90-4.0mm		
73.00	0.90-8.0mm		
76.10	0.8-8.0mm		
81.30	1.20-3.0mm		
88.90	1.20-8.0mm		
94.00	2.8-8.0mm		
101.60	2.0-8.0mm		
108.00	1.8-8.0mm		
114.30	2.0-8.0mm		
127.00	1.6-8.0mm		
133.00	2.5-8.0mm		
139.70	2.8-10mm		
141.30	2.8-10mm		
152.40	2.5-8.0mm		
154.00	1.8-2.5mm		
159.00	3.0-8.0mm		
165.10	2.8-10mm		
168.30	3.0-10mm		
193.70	3.0-10mm		
219.10	3.0-10mm		
273.00	3.6-10mm		
323.90	3.0-10mm		
355.60	4.0-10mm		
406.40	5.0-10mm		

TUBES & PIPES ARE ALSO AVAILABLE IN SPECIAL GRADE LIKE YS-355, YS-450 & YS-550.

MS Rectangular Pipes

Size	Thickness mm
25x13	0.60-2.5mm
30x20	0.60-2.8mm
40x20	0.60-3.5mm
40x30	0.60-3.0mm
40x25	0.60-3.0mm
45x35	0.60-3.0mm
50x25	0.60-4.0mm
50x30	0.60-3.0mm
50x40	0.60-3.0mm
60x40	0.70-4.0mm
60x30	0.70-3.0mm
71.75x55.75	1.20-3.0mm
75x25	0.70-3.0mm
66x33	1.80-4.0mm
80x20	0.80-3.0mm
80x30	0.80-3.0mm
80x40	0.80-4.0mm
80x50	0.80-3.0mm
90x60	2.00-6.0mm
96x48	1.20-4.0mm
100x50	1.20-4.0mm
122x61	2.50-5.40mm
145x82	2.50-6.0mm
160x80	2.50-6.0mm
200x100	3.00-8.00mm



COLD ROLLED SHEETS & COILS

Cold Rolled steel (CR) Strips / Coils

with the growing demand of cold rolled strips and sheets, Gaurang has started manufacturing CR coils and strips in year 2003 with annual capacity of 1 lac MT annum in various sizes and thickness.

On line stringent quality checks ensure the tolerances and dimension for sophisticated applications

CR production plant consists of 4 HI and cold rolling mills along with bell furnaces, Skin pass, slitting, cut to length and testing facilities.

Products Range

- CRCA strips with low carbon
- Medium carbon steel
- High strength low alloy steel
- Semi Processed unalloyed electrical
- Hot rolled oiled & picketed steel

CR Strips : Mild Steel in drawing. Deep drawing, Extra deep drawing grades medium and high carbon, SAE 1020, if steel, High Tensile steel (SPC-370-440)

Specifications : IS 513, BS 1449, JIS G3141, IS 7226 and equivalent, SPCC, SPCD, SPCE

Strip Width : 12mm to 1250mm

Strip Thickness : 0.3mm to 3.2mm

Coil Weight : 2-17 kg/mm width

Coils Diameter : Internal 400mm & 500mm External 1700mm (max)

Cut to Length Sheet: Length 350mm width 40mm to 1250mm thickness 0.40mm to 3.2mm

Surface Finish : Bright suitable for most purpose & recommended for electro plating with light mat-surface is suitable for deep drawing and for painting. bright finish, dull finish, matt finish



GALVANISED COILS

GAURANG PRODUCTS PVT. LTD. produces world-class galvanized steel products in its galvanizing. The products offer excellent properties such as corrosion resistance, good service life, excellent surface finish, and close dimensional tolerances.

Benefits

- Excellent surface finish for superior paintability
- Consistency in quality

Applications

- Construction: Steel framing, false ceilings, sandwich panels, ducting, decking, purlin, HVAC applications
- While Goods: Refrigerators, deep freezers, washing machines, air coolers
- Automotive: Auto internal components, bus bodies
- Furniture: Office equipment
- Containers: Grain silos, drum & barrels
- Crash Guards / Hand Rails

Features

- Uniform zinc coating in the range of 80-600 GSM
- Spangles: Zero/Regular/Minimised/Suppressed
- With and without tension leveling
- Passivation: Chromatid (Hexavalent /Trivalent)
- Oiling: 100-1,000 GSM
- Winding: Controlled/Staggered (+/-5 to +/-15mm)
- Coil Id: 508/610mm

Supply Condition

- Coil / Slits / Sheet for

Dimensions

GP COIL:

Thickness: 0.20-1.6mm

Width: 600-1,350mm

GP SHEET FORM:

Thickness: 0.5-1.6mm

Width: 600-1,350mm

Length: 1000mm to 3,500mm



Equivalent Standards of Tubes with Applications

S.No.	Standard End Use	Indian	British/European	American	Japanese	German	Australian
1.	Water, Gas, Steam	IS-1239	BS-1387 EN-10255	ASTM A-53	----	DIN-2439 2440 & 2441	AS 1074
2.	Water, Sewage	IS-3589	BS-5534	----	----	----	----
3.	Structural, Scaffolding	IS-1161	BS-1139, 6323 EN-39 EN-10219	ASTM A-500	JIS G 3444	----	AS 1163
4.	Idlers, Belt Conveyers	IS-9295	BS-6323	ASTM A-513	----	----	----
5.	Water Wells, Casing	IS-4270	BS-879	----	----	----	----
6.	Sectional Tubes (Sq. & Rect.)	IS-4923	----	ASTM A-500	JIS G 3466	DIN-2395	AS 1163
7.	Furniture Tube	IS-7138	----	----	JIS G 3445	----	----
8.	Oil Pipes / Pressure	IS\ISO-3183	EN-10217	API5L	JIS G 3452	DIN-17177	----
9.	Mechanical Application	IS-3601	BS-6323	----	JIS G 3445	DIN-2393	----
10.	Hydro Carbon & Process Industries	IS-6286	----	----	----	----	----
11.	Boiler & APH Tubes	----	BS: 3059, 6323	----	----	----	----



APPLICATIONS OF AST PIPES



Manufacturing & Correspondence Address

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Phone : +91 (120)-4901772

E-mail : info@astpipes.in

Website : www.astpipes.in

Unit-II

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BulandShahar Road, Industrial Area,

Ghaziabad (U.P) India

Website : www.gaurang.co.in