



## Connecting Innovation with Reliability

Mfg.of : Stainless Steel, Carbon Steel Pipes Fitting ,  
Forge fitting & Flange

# About Us

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Aventer Piping solution is a reputed Importer, Exporter, and Supplier of a comprehensive range of industrial products. We are engaged in manufacturing premium grade Pipes & Pipe Fittings as per the requirement of the clients. Apart from that, we supply Stainless Steel, Sheet, Plate, Coil, Pipe, Angle, Channel, Pipe Fitting, Forged Fitting, Rod Bar, Wire Mesh, Nut Bolts, Copper Brass, Aluminum, Nickel, Copper-Nickel, Hastelloy, Inconel, Titanium, Inconel, etc. Besides, we import Stainless Steel Sheet, Coil, Plates, Coil, Plates, Pipes, etc. and supply ferrous and non-ferrous industrial raw material.

All our products meet the international specification for quality and other related norms of the industry. Our products are highly efficacious as well as very reliable, which offers consistent performance for a longer period of time. The products, served by us, are used in various industries like sugar mill, Fertilizer industry, Cement Plants, Paper Mills, Petrochemical Plants, Serineries, Glass Industries, Wood industries, Steel Plants etc. We offer our products in tamper-proof packaging to assure completely safety during transit.

## Products Offered

- Carbon Steel Products
- Alloy Steel Products
- Nickel Alloy Products
- Copper Alloy Products



# Quality Assurance

We adhere to various quality parameters to provide the best quality products to the clients and in specified time. We never compromise with the quality and keep stringent checks on the Products to offer only flawless products. We obtain products from the reliable sources, which check the quality of products on various measures from procurement to the packaging and they give guaranty of premium quality of products. Customer satisfaction is the prime aim of our company and we strive harder to achieve it. Our dedicated team fulfills as well as fully requirement of our client within specified Specified time

Stainless Steel Grade AISi 201, 202, 2020, 304, 304, 304, 304LN, 3095, 309, 309Cb, 300Hsa, 3105, 310, 310 CB, 310Hsa, 316, 316, 316, 316, 316LN, 317, 317LN, 321, 321H, 347, 347H 3471N, 348, 348, 904, 9041 etc



# Our Values

Commitment to complete customer satisfaction - The customer is at the center of every we do. Complete customer satisfaction in terms of products, Services and punctuality is our bottom line

Compete product selection - We have got specialised experience and product knowledge, the variety of products in the range of sizes.

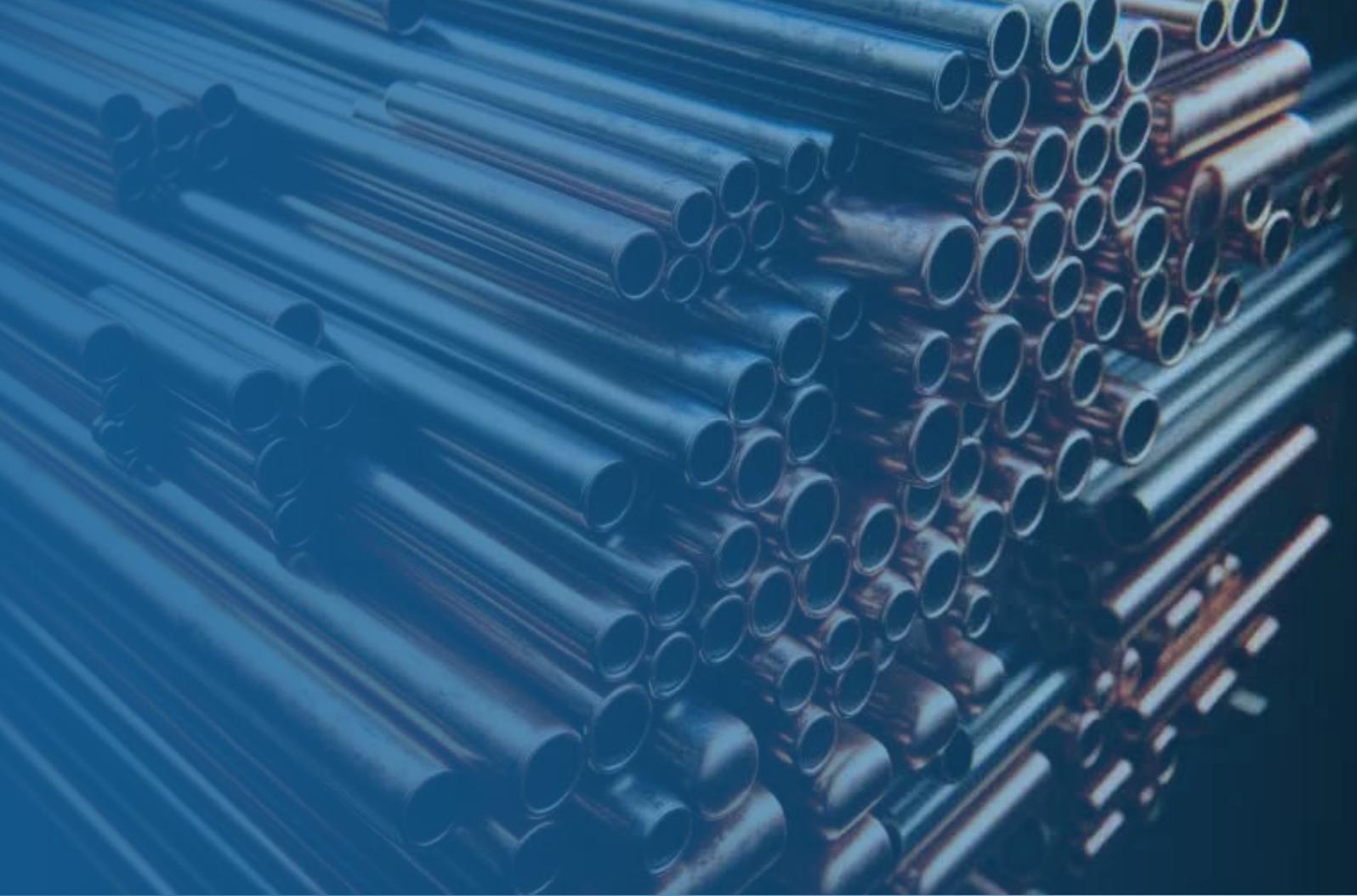
Quality Management - Our Quality management system is as per the national & international standards. Our Products quality is consistently higher than industry specifications.



## Non Ferrous Metals

Aventer Piping solution has an immense pleasure in introducing itself as an esteemed organisation that is tagged as one of the leading Stockiest and Suppliers of Ferrous and Non Ferrous. We provide Non Ferrous Metals in varied forms and shape for the convenience of clients.

Monel, Nickel, Inconel, Hastelloy, Copper, Bronze, Titanium, Tantalum, Aluminum, Nickel, HCHCA



# Our Products

## Pipe & Tubes

We supply Quality and durable range of seamless, ERW pipes & tubes that is used for conveyance of fluids intended fur critical high temperature. Seamless SS tubes are used in under similar service conditions in heat transfer process equipment like boilers, super heaters, heat exchangers and condensers.

The following table represents size rang, product standard and materials grades of pipe & tubes...



Description	Size Rang	Specification	Grades
Seamless Pipes/Tubes	1/4" NB to 16" NB SCH 5, SCH 10, SCH 20, SCH 40, SCH 80, SCH 160, SCH XXS	ASTM A- 312 ASTM A- 213 ASTM A-269	TP-304, 304L, 316, 316L, 316Ti, 309, 310, 310S, 321, 202, etc
Welded Pipes/Tubes	1/4" NB to 20" NB	ASTM A- 312 ASTM A- 249	TP-304, 304L, 316, 316L, 316Ti, 309, 310, 321, etc.

## SS Fitting And Valve



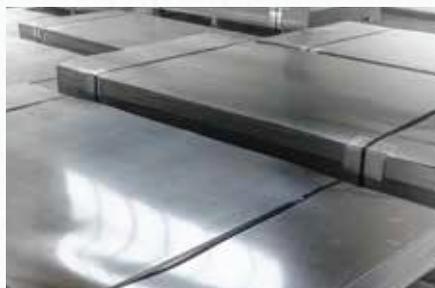
We source and supply quality and durable range of pipe and tube fittings. These pipe and tube fittings are procured from renowned vendors across the nation and meet, the demands of various industries such as chemicals, fats & fertilizers, sugar mills & distilleries, cement industries, ship builders, paper industries, pumps, petrochemicals, oil it natural gas organization (in term of the specific material, technology, finance & Personal)

The following table represents size rang, product standard and materials grades of pipe Fittings:

		
Type	Butt-Weiding, Furged/Casting Thread Socket bow Tees, Reducer, Stend Cap, Nipples couplings, Elbowlets, Weldolets etc.	
Item	90 Elbow (LongRADIUS/Short RADIUS), Equal Tee, 45 Elbow(Long RADIUS/Short RADIUS), Reducing Tee, Round Cap, Concentric Reducer, Eccentric Reducer, Stub End	
Stainless Steel Material	ASTM A403, WP304/ WP304L / WP316 / WP316L / 316TI / 321 / 310 / 347 / 904L	
Dimension	ANSI 316,9 / MSS SP 43 / JIS B2313	
Thickness	SCH55 / SCH10S / SCH40S / SCHBDS / SCH120S / SCH160S / SCHXXS	
Size	1/2" -48"	
Method	Seamless and ERW	
Make	Manufactures & As per design & Specification	

## Sheet, Plate & Coil

We are renowned stockist and suppliers of sheets, Plates & Coll. Procured from reliable vendors, these are appreciated nationwide by our clients owing to its excellent durability, high tensile strength and maileability.



Below mentioned table represents size range, product standards and material grades of sheet and Plates:

DESCRIPTION	SIZE RANGE	SPECIFICATION	GRADES
Stainless Steel Sheet, Plates and Chequered Plate	0.1mm to 200 mm Thickness	ASTM A240 ASTM B625	202, 304, 410, 410S, 409, 409L, 430, 430TI, 420, 304L, 309, 310, 316, 316L, 321, 904L, etc

# SS. Flanges & Forged Fitting



<b>Item</b>	Weld Neck, Slip-On, Screwed, Socket Weld, Lap Joint, Blind, Plate.
<b>Flanges Facing</b>	Raised Face, Flat Face, Lapped Joint Face, Male-Female, Tongue & Groove, Ring Joint
<b>Standard</b>	150#, 300#, 600#, 900#, 1500#, 2500#, 3000PSI, Bs 10 Standard Table D, E, F, H ALSO DIN Standard
<b>Stainless Steel Material</b>	ASTM AZ40/A-182F-304, 304L, 310, 316, 316L, 321, 347, 410S, 409, 409L, 430, 430Ti, 420, 904L
<b>Sizes</b>	1/2"NB to 48 "NB

## ROD, Round Bars, Square Bars, Hex Bar & Wire

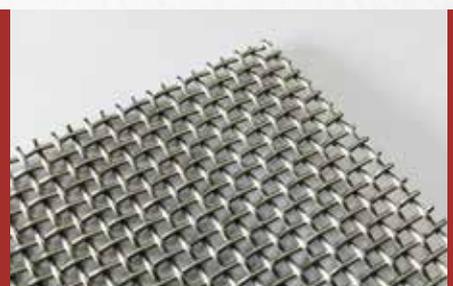
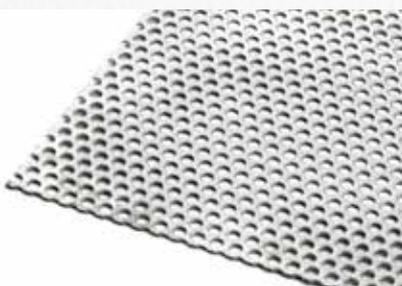


Below mentioned table represents size range, product standards and material grades of Round Bars:

DESCRIPTION	SIZE	SPECIFICATION	GRADES
Stainless Steel Black Bright and Export Bright	1 mm to 300 mm Round, Hex & Square	ASTM A276 ASTM A314 ASTM A582 ASTM A479 ASTM A484	202, 304, 304L, 309, 310, 316, 316L, 321, 410S, 409, 409L, 430, 430Ti, 420, 904L etc

## Stainless Steel Wire- Mesh & Perforate Sheet

We are earnest manufacturers of 5.5. Wires which gives quality performance to the clients. We offer this products in various size and dimension. We also customize the product according to the needs of customers. The product is known for its strongness



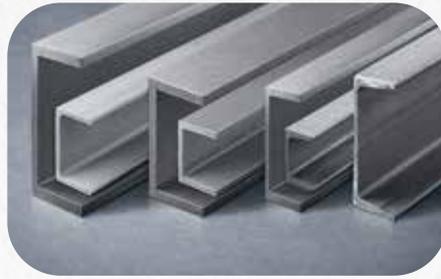
# Our Other Products



**Aventer**  
PIPING SOLUTION



**S.S. ANGLE**



**S.S. C/CHANNEL**



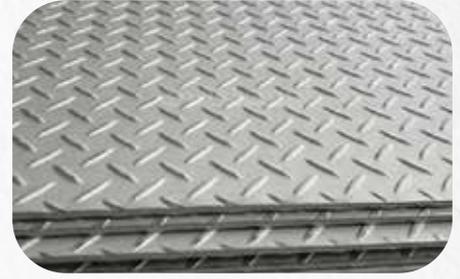
**S.S. FLATS BAR(PATTI)**



**S.S. NUT BOLTS**



**S.S. WIRE**



**S.S. CHEQUERED PLATE**



**S.S. BUSH PIPE**



**S.S. PIPE(BIG DIAMETER)**



**S.S. INVESTMENT  
CASTING FITTINGS**



**S.S. BALL VALVE**



**S.S. BUTTERFLY VALVE**



**S.S. ROD**



**S.S. FLANGE**



**S.S. FLANGE VALVE**



**S.S. NIPPLES**



**S.S. ELBOW**



**S.S. TEES**



**S.S. THREADED T**



**S.S. REDUCERS**



**S.S. WELDABLE FLANGES**



**S.S. BALL VALVE**



**S.S. HEX REDUCERS**



**S.S. BUTTERFLY VALVE**



**S.S. FITTINGS**

## Formula Of Calculating Weight

### WEIGHT OF STAINLESS STEEL CARBON STEEL PIPES & TUBES

$OD(mm) - W.T.(mm) \times W.T.(mm) \times 0.02466 = KG / MTR$

### WEIGHT OF COPPER PIPES & TUBES

$OD(mm) - W.T.(mm) \times W.T.(mm) \times 0.0285 = KG / MTR$

### WEIGHT OF ALUMINIUM PIPES & TUBES

$OD(mm) - W.T.(mm) \times W.T.(mm) \times 0.0082 = KG / MTR$

### WEIGHT OF LEAD PIPES & TUBES

$OD(mm) - W.T.(mm) \times W.T.(mm) \times 0.0345 = KG / MTR$

### SHEET WIDTH REQD FOR ROLLED & WELDED PIPES

$OD(mm) - Thk.(mm) \times 3.14 = SHEET WIDTH (mm)$

### WEIGHT FOR SQUARE/RECTANGLE PIPES

$Length \text{ from } 4 \text{ Angle } (OD) / 3.14 - Thk (mm) \times Thk.(mm) \times 0.00756 = KG/PER FEET$

### WEIGHT OF STAINLESS STEEL CIRCLE & BLANKS

$OD(mm) \times O.D. (mm) \times Thk (mm) / 160 / 1000 = KG/PCS.$

### WEIGHT OF STAINLESS STEEL SHEETS & PLATES

$Length (mtr) \times Width (mtr) \times Thk. (mm) \times 8 = KG/SHEET$

### WEIGHT OF CARBON STEEL SHEETS & PLATES

$Length (mtr) \times Width (mtr) \times Thk. (mm) \times 7.85 = KG/SHEET$

### WEIGHT OF LEAD SHEETS & PLATES

$Length (mtr) \times Width (mtr) \times Thk. (mm) \times 11.2 = KG/SHEET$

### WEIGHT OF STAINLESS STEEL ROUNDS / ROUND BAR

$Dia (mm) \times Dia. (mm) \times 0.00623 = KG / MTR$

### WEIGHT OF STAINLESS STEEL HEXAGONAL RODS

$Dia (mm) \times Dia. (mm) \times 0.00679 = KG / MTR$

### WEIGHT OF STAINLESS STEEL SQUARE RODS

$Dia (mm) \times Dia. (mm) \times 0.00787 = KG / MTR$



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