



UNIK METAL CORPORATION

Manufacturing Stockist & Suppliers Of:
All Type Industrial Raw Materials



RESPECTED CUSTOMER

Sub.: Registration Of Our Firm In Your Approved List Of Vendor For Suppliers Of All Types Of Ferrous & Non-ferrous Metals

We Interdicted This Moments To Present Our Selves As One Of The Leading And Largest Importers, Stockiest And Suppliers Of All Types Of Ferrous And Non Ferrous Metals, We Are Also Manufacturers Of Stainless Steel Pipes In All Grades Shapes And Sizes.

We have a technical know how in this trade and are well versed in project & maintenance suppliers to various organizations in Chemicals, Fertilisers, Petro chemicals, Nuclear Power, Thermal Powder, Cement, Paper, Refiners etc. Catering towards their requirements, on repeat order basis, in their various manufacturing cum production programmers, with our display of quality products on convenient terms.

Any Registration formalities to be fulfilled, Please feel free to correspond, it not only be our pleasure but due respect in doing so, awaiting the opportunity of serving your prestigious firm endmost to come.

**THANKING YOU AND ASSURING OF OUR TIME BOUND SERVICES,
AT ALL TIMES.**

For, **UNIK METAL CORPORATION**





BRAND WITH US



UNIK METAL CORPORATION is a trusted and reliable supplier of premium-quality ferrous and non-ferrous industrial raw materials, catering to the diverse needs of engineering, fabrication, manufacturing, and infrastructure industries. With a commitment to excellence and customer satisfaction, we deliver products that meet stringent national and international quality standards.

Our extensive product portfolio includes pipes, tubes, sheets, plates, coils, angles, channels, beams, TMT bars, round bars, square bars, hex bars, and wire bars. We also offer a comprehensive range of butt weld fittings, socket weld fittings, ferrules, TC fittings, and industrial flanges, ensuring superior quality, precise dimensions, and dependable performance across a wide variety of industrial applications.

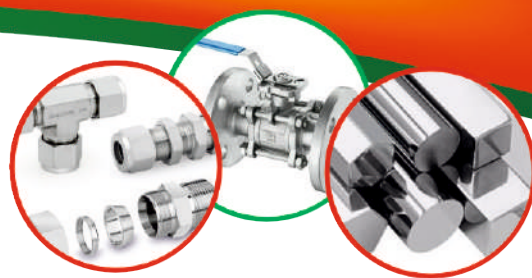
At **UNIK METAL CORPORATION**, we focus on delivering precision-engineered products that offer exceptional strength, durability, and long service life. Every product is carefully sourced and inspected to ensure consistent quality and reliable performance in demanding industrial environments.

Driven by integrity, timely delivery, and a customer centric approach, **UNIK METAL CORPORATION** serves as a one-stop destination for industrial raw material solutions. We are dedicated to building long-term business relationships by providing quality products, competitive pricing, and outstanding service that supports our customers' continued growth and success.



ORGANIZATION SETUP

Company Name	: UNIK METAL CORPORATION
Regd. Office	: 322, 3 RD Floor, Kasturi Pride, Opp. 220 KV Torrent Power, SP Ring Road, New Nikol, Ahmedabad-382350, Gujarat
Warehouse	: 1/4, Aakash Vikash Estate, Kewal Kanta Road, Rakhial, Ahmedabad - 380023
Email	: info@unikmetal.in sales.unikmetalcorporation@gmail.com
Website	: www.unikmetal.in
Activities	: SS, MS, GI, CS, Pipe Flanges Fittings Nut Bolts & Valves
GSTIN	: 24BDVPC4406P1Z6
Pan No.	: BDVPC4406P
MSME No.	: UDYAM-GJ-01-0646853
ISO Certificate	: QG-48409/1024
Contact Person	: SR PATEL : +91 96942 18167 Ramesh Patel : +91 98791 50348
Bank	: IDFC FIRST BANK
Branch	: Maninagar, Ahmedabad
A/C	: 89899091925
IFSC Code	: IDFB0040303
Manufacturers	: As Per Our Stock Trade List
Testing Facility	: As Per List
Inspection	: At Outside Govt, Approved Lab
Branch	: Mumbai, Maharashtra, Delhi, Ankleshwar, Rajkot



PRODUCT RANGE



PIPE & TUBES

Type: Stainless Steel Pipe, Mild Steel Pipe, Carbon Steel Pipe (WELDED & SEAMLESS)
Stainless Steel: ASTM A312 TP 304, 316, 304L, 316L
Carbon Steel: ASTM A106 GR. B, ASTM A335
Mild Steel: IS 1239, IS 3589
Dimension: ASME 36.19
Size: 1/4" NB - 24" NB (ERW), 1/4" NB - 24" NB (SEAMLESS)
Thickness: SCH-5, SCH-10, SCH-20, SCH-40, SCH-80, SCH-120, SCH-160, A CLASS, B CLASS, C CLASS



FERRULE FITTINGS

STAINLESS STEEL: ASTM A182 F304 304 318/31/312/31 TL 321/346/347/904L etc
CARBON STEEL: ASTM A105 AE94 F4246/52/56/60/65/70IA35OLF3/A350 LF2 Alloy Steel ASTM A1EZEUF5
 F1 F1 F221F91 etc. Duplex & Super Duplex Steel: UNS S31803, UNS S32750, UNS S32760, 964L. Alloy 20
TYPES: Nipples, Adaptors, Crosses, Union Ball Joints, Reducing Bushing, Reducers, Pipe Caps, Couplings,
 Pipe Plug. Hollow Hex Plug, Elbow, Reducing Union 90 Deg. Union Elbow, Reducing 90 Deg. Union Elbow
 Etc. Extender Leg 90 Deg. Union Elbow, 45 Deg. Union Elbow, Union Tee, Female Connector, Male Connector.
 Manifold Tee, Locator Union Extended Run Leg Union Tee, Reducing Tee, Triblow, ATW Weld Ring. Tube
 Socket Weld, Tube Butt Weld, Tube Butt Weld To Tube Socket Weld, Port Connector Etc.



BUTTWELD FITTINGS

STAINLESS STEEL: ASTM A403 WP 304/304L/304H/316/316/317/317L/321/310/347/904L etc.
CARBON STEEL: ASTM A234 WPB/A420 WPL3/A420 WPL6/MSS-SP-75 WPHY 42/46/52/56/60/65/70
ALLOY STEEL: ASTM A234 WP1/WP5/WP11/WP22/WP91 etc.
OTHERS: Galvanized, Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Tantalum, Bismuth, Aluminum,
 High Speed Steel, Zinc, Lead, etc.
TYPES: Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert, etc.
SIZE: 1/4" NB To 48" NB (Seamless & Welded, IBR & Non IBR)
WALL THICKNESS: Sch. 5S to Sch. XXS.



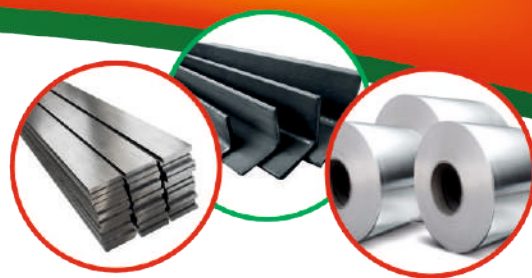
FLANGES

STAINLESS STEEL: ASTM A182 F304/3040 304H/316/316/17/3170 321 313347/904L etc
CARBON STEEL: ASTM A105/A694F42/46/5256:60165/70/A350/LF3/A350 LF2 etc.
ALLOY STEEL: ASTM A182 F1/FS/F9F11/F22/F91 etc
OTHERS: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Tantalum, Bismuth, Aluminum,
 High Speed Steel, Zinc, Lead, etc.
TYPES: Weldneck, Slipon, Blind, Socket Weld, Lap Joint Spectacles, Ring Joint, Orifcae, Long Weldneck,
 Deck Flange, RTJ, Flange
SIZE: 1/2" NB to 48" NB
CLASS: 150#, 300#, 400#, 600#, 900#, 1500# & 2500#.



FASTENERS

STAINLESS STEEL: AISI 302/304/304L/316/316L/310/317/317L/ 321/347, 410/420/904L etc.
ALLOY STEEL: 4.6, 5.6, 6.6, 8.8, 10.98 129/R S. T¹ Condition
Carbon Steel: Bare Condition, Galvanized, Phosphatized, Cadmium Plated, Hot Deep Galvanized,
 Bloodied, Nickel Chrome Plated, etc.
NON FERROUS METAL: Copper, Brass, Aluminium, Titanium, Nichrome, AL. Bronze Phosphorous Bronze, etc.
Types: Bolts, Nuts, Washers, Anchor Fasteners, Stud Bolts, Eye Bolt Stud Threaded Rod, Cotter Pin.
 Socket Screw, Fine Fasteners & Spares Etc.



PRODUCT RANGE



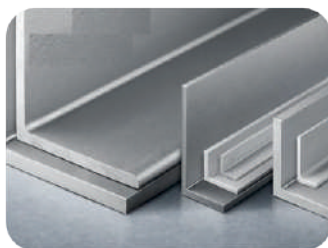
SHEET / PLATE / COILS / CHEQUERED PLATE

STAINLESS STEEL: ASTM A312 TP 304, 304L, 304H, 316, 316L, 316H, 316Ti, 321, 309, 310, 347, 409, 410, 420, 430, 904L etc.

CARBON STEEL: ASTM A283, A516/ASME SA283, SA516, 517 GR. 60/70, IS 2062, IS 2002.

MATERIAL GRADE: Stainless Steel, Carbon Steel, Duplex Steel, Super Duplex Steel, Alloy Steel, Nickel Alloy, Titanium Alloy, Aluminium Alloy & Cupro-Nickel Alloy.

TYPES: Sheet, Plates, Coils, Strips, Chequered Plate, Designing Sheet, etc.



ANGLE / CHANNEL / BEAM

STAINLESS STEEL: ASTM A312 TP 304/304L/304H/316/316L/317/317L/321/310/347/904L etc.

CARBON STEEL: ASTM A53 GR. B/A106 GR. B/API 5L GRADE B/API 5L GR. X42/46/52/56/60/65/70/

TYPES: Angle, C Channel, I Beam, H Beam, etc.

SIZE: As per Requirement.

WALL THICKNESS: As per Requirement.



FLAT BAR

STAINLESS STEEL: ASTM A240, 304/304L/304H/316/316L/321/904L etc

CARBON STEEL: ASTM A105/A694F42/46/5256:60165/70/A350/LF3/A350 LF2 etc.

ALLOY STEEL: ASTM A182 F1/FS/F9F11/F22/F91 etc

OTHERS: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Tantalum, Bismuth, Aluminum, High Speed Steel, Zinc. Lead, etc.

SIZE: As per Requirement.

Length: As per Requirement.



BAR

STAINLESS STEEL: ASTM A240, 304/304L/304H/316/316L/321/904L etc

CARBON STEEL: ASTM A105/A694F42/46/5256:60165/70/A350/LF3/A350 LF2 etc.

ALLOY STEEL: ASTM A182 F1/FS/F9F11/F22/F91 etc

OTHERS: Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Tantalum, Bismuth, Aluminum, High Speed Steel, Zinc. Lead, etc.

Type: Round, Square, Hex, Wire Bar.

SIZE: As per Requirement.

Length: As per Requirement.



VALVES

MATERIAL TYPE: Stainless Steel, Carbon Steel, Mild Steel, Cast Iron, Brass, Polymers, PP, PVC, HDPE, Teflon, etc.

TYPE: Ball Valves, Globe, Gate, Non-Return, Butterfly, Swing Check Valve, Safety Valve, Strainer, Din Globe Valve, Din Non Return Valve, Knife Gate, Plug Valve, Piston Valve, Needle Valves, PP Valves, etc.

THICKNESS: As per customer requirement.

SIZE: As per customer requirement.



NB PIPE WEIGHT CHART

Pipe Dimensions (in mm & kg/mtr.)

Nominal Pipe	Nominal	Outside Diameter	Wall Thickness & Weight											
Size			Sch.5S		Sch.10S		Sch.20S		Sch.40S		Sch.80S		Sch.160S	
NB	Inch	mm	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.
6	1/8	10.3	1.00	0.23	1.24	0.28	1.50	0.33	1.73	0.37	2.41	0.47	-	-
8	1/4	13.7	1.20	0.37	1.65	0.49	2.00	0.58	2.24	0.64	3.02	0.82	-	-
10	3/8	17.2	1.20	0.47	1.65	0.63	2.00	0.74	2.31	0.81	3.20	1.12	-	-
15	1/2	21.3	1.65	0.81	2.11	1.02	2.3	1.07	2.77	1.29	3.73	1.62	4.75	1.97
20	3/4	26.7	1.65	1.05	2.11	1.30	2.50	1.52	2.87	1.71	3.91	2.93	5.56	2.93
25	1	33.4	1.65	1.03	2.77	2.13	2.50	2.00	3.58	2.54	4.55	3.29	6.35	4.30
32	1¼	42.2	1.65	1.65	2.77	2.73	3.00	2.90	3.59	3.44	4.85	4.56	6.56	5.69
40	1½	48.3	1.65	1.95	2.77	3.11	3.00	3.35	3.68	4.11	5.08	5.49	7.14	7.35
50	2	60.3	1.65	2.4	2.77	3.99	3.50	4.25	3.91	5.52	5.54	7.60	8.76	11.26
65	2½	73.0	2.11	3.7	3.05	5.26	4.00	6.81	5.16	8.77	7.01	11.59	9.53	14.91
80	3	88.9	2.11	4.51	3.05	6.45	4.00	8.37	5.49	11.47	7.62	15.51	11.13	21.30
100	4	114.3	2.11	5.85	3.05	8.36	4.50	12.18	6.02	16.07	8.56	22.66	13.49	33.54
125	5	141.30	2.77	9.5	3.40	11.6	5.00	16.80	6.55	21.08	9.53	31.00	15.88	49.11
150	6	168.3	2.77	11.35	3.40	13.82	6.35	25.36	7.11	28.26	10.93	42.56	18.24	67.53
200	8	219.1	2.77	14.8	3.76	20.00	6.35	33.31	8.18	42.55	12.70	64.64	23.01	111.27
250	10	273.1	3.40	22.61	4.19	27.8	6.35	41.77	9.27	60.31	12.70	81.55	28.58	172.33
300	12	323.80	3.96	31.25	4.57	36.00	6.35	49.70	9.53	73.85	12.70	97.43	33.32	238.68
350	14	355.6	3.96	34.35	4.78	41.3	7.92	67.90	11.13	98.54	-	-	-	-
400	16	406.4	4.19	41.6	4.78	47.34	7.92	77.82	12.07	123.3	-	-	-	-
450	18	457.2	4.19	46.85	4.78	53.32	7.92	87.74	14.27	155.86	-	-	-	-
500	20	508.0	4.78	59.31	5.54	68.64	9.53	117.14	15.09	183.42	-	-	-	-
600	24	610	5.54	82.57	4.78	6.35	9.53	141.11	17.48	255.41	-	-	-	-



GALVANISED & BLACK PIPES FOR WATER, GAS & AIR

Technical Data Of Black & Galvanised Pipes Specification IS:1239(PART-1):2004 – DIN 2439, DIN 2440, DIN 2441 (Equivalent BS:1387:1985/EN-10255:2004*/EN 10240 : 1998/ DIN 2444)

NB (mm)	SERIES	OUTSIDE DIAMETER		WALL THICKNESS		NOMINAL WEIGHT GALVANISED & BLACK TUBES				SOCKETS	
						PLAIN END		SCREWED & SOCKETED		OD in mm	Length in mm
		MIN. (mm)	MAX. (mm)	MM	SWG	Kg/M	Mtrs/Ton	Kg/M	Mtrs/Ton		
15	Light	21.0	21.4	2.0	14	0.95	1052	0.96	1046	27	37
	Medium	21.0	21.8	2.6	12	1.21	826	1.22	820		
	Heavy	21.0	21.8	3.2	10	1.44	694	1.45	690		
20	Light	26.4	26.9	2.3	13	1.38	725	1.39	719	32.5	39
	Medium	26.5	27.3	2.6	12	1.56	641	1.57	637		
	Heavy	26.5	27.3	3.2	10	1.87	535	1.88	532		
25	Light	33.2	33.8	2.6	12	1.98	505	2.00	500	39.5	46
	Medium	33.3	34.2	3.2	10	2.41	415	2.43	412		
	Heavy	33.3	34.2	4.0	8	2.93	341	2.95	339		
32	Light	41.9	42.5	2.6	12	2.54	394	2.57	389	49	51
	Medium	42.0	42.9	3.2	10	3.10	322	3.13	319		
	Heavy	42.0	42.9	4.0	8	3.79	264	3.82	262		
40	Light	47.8	48.4	2.9	11	3.23	310	3.27	306	56	51
	Medium	47.8	48.8	3.2	10	3.56	281	3.60	278		
	Heavy	47.9	48.8	4.0	8	4.37	229	4.41	227		
50	Light	59.6	60.2	2.9	11	4.08	245	4.15	241	68	60
	Medium	59.7	60.8	3.6	9	5.03	199	5.10	196		
	Heavy	59.7	60.8	4.5	7	6.19	161	6.26	160		
65	Light	75.2	76.0	3.2	10	5.74	175	5.83	172	84	69
	Medium	75.3	76.6	3.6	9	6.42	156	6.54	153		
	Heavy	75.3	76.6	4.5	7	7.93	126	8.05	124		
80	Light	87.9	88.7	3.2	10	6.72	149	6.89	145	98	75
	Medium	88.0	89.5	4.0	8	8.36	120	8.53	117		
	Heavy	88.0	89.5	4.8	6	9.90	101	10.10	96		
100	Light	113.0	113.9	3.6	9	9.75	102	10.00	100	124	87
	Medium	113.1	115.0	4.5	7	12.20	82	12.50	80		
	Heavy	113.1	115.0	5.4	5	14.50	69	14.80	68		
125	Medium	138.5	140.8	4.8	6	15.90	63	16.40	61	151	96
	Heavy	138.5	140.8	5.4	5	17.90	56	18.40	54		
150	Medium	163.9	166.5	4.8	6	18.90	53	19.50	51	178	96
	Heavy	163.9	166.5	5.4	5	21.30	47	21.90	46		

a) Thickness

- Light Tubes: + Not limited -8%
- Medium & Heavy Tubes : + Not limited 10%

b) Weight

- Single Tube: +10%/-8%
- For Quantities per Load of 10 Tonnes Minimum: +7.5%, -5%

Medium & Heavy Series

- Single Tube: ±10%
- For Quantities per Load of 10 Tonnes Minimum: +7.5%, -5%

c) Lengthness

- Normal 6 mtr + 0.03 mtr
- Random Length 4 to 7 Mtrs
- Or as specified by Customer

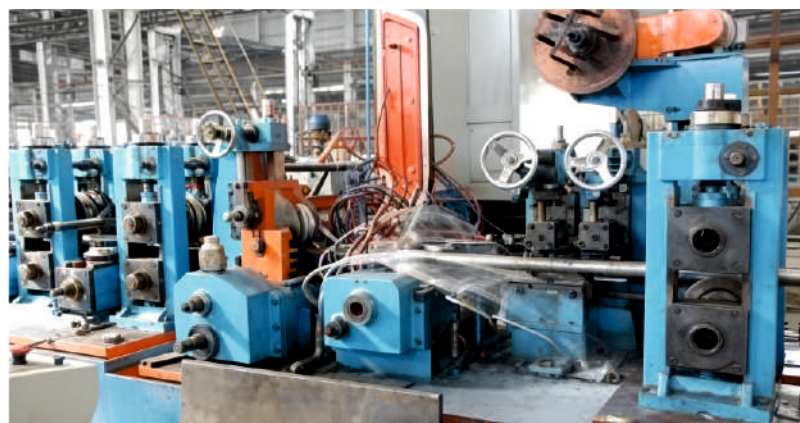
d) Hydro Test

- Each pipe is tested for leak proof test at 51 kgs/cm²

e) End condition

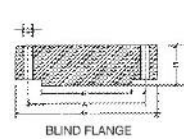
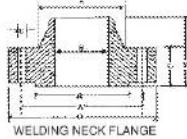
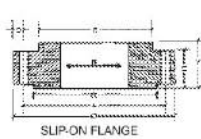
- A) PLAIN END
- B) BEVEL END
- C) SCREWED & SOCKETED
- D) SCREWED WITHOUT SOCKET OR AS PER CUSTOMER SPECIFICATION

*This specification conforms to CE Mark conferred by Det Norske Veritas





DIMENSIONS OF FORGED FLANGES ANSI B 16.5



Dimensions of Class 150 Flanges as per ANSI B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dia of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia of Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S/O & S/W	W/N	L/J	S/O & S/W	L/J			
(MM)	(INCH)	O	A	D	C	E	Y	Y	Y	B	B	R	F	X
15	1/2	88.9	60.3	15.9	4	11.1	15.9	47.6	15.9	22.3	22.9	34.9	9.5	21.33
20	3/4	98.4	69.8	15.9	4	12.7	15.9	52.4	15.9	27.7	28.2	42.9	11.1	26.67
25	1	107.9	79.4	15.9	4	14.3	17.5	55.6	17.5	34.5	35.0	50.8	12.7	33.40
32	1 1/4	117.5	88.9	15.9	4	15.9	20.6	57.1	20.6	43.2	43.7	63.5	14.3	42.16
40	1 1/2	127.0	98.4	15.9	4	17.5	22.2	61.9	22.2	49.5	50.0	73.0	15.9	48.26
50	2	152.4	120.6	19.0	4	19.0	25.4	63.5	25.4	62.0	62.5	92.1	17.5	60.31
65	2 1/2	177.8	139.7	19.0	4	22.2	28.6	69.8	28.6	74.7	75.4	104.8	19.0	73.02
80	3	190.5	152.4	19.0	4	23.8	30.2	69.8	30.2	90.7	91.4	127.0	20.6	88.90
100	4	228.6	190.5	19.0	8	23.8	33.3	76.2	33.3	116.1	116.8	157.2	23.8	114.30
125	5	254.0	215.9	22.2	8	23.8	36.5	88.9	36.5	143.8	144.5	185.7	23.8	141.30
150	6	279.4	241.3	22.2	8	25.4	39.7	88.9	39.7	170.7	171.4	215.9	27.0	168.27
200	8	342.9	298.4	22.2	8	28.6	44.4	101.6	44.4	221.5	222.2	269.9	31.7	219.07
250	10	406.4	361.9	25.4	12	30.2	49.2	101.6	49.2	276.3	277.4	323.8	33.3	273.05
300	12	482.6	431.8	25.4	12	31.8	55.6	114.3	55.6	327.1	328.2	381.0	39.7	323.85
350	14	533.4	476.2	28.6	12	34.9	57.1	127.0	79.4	359.1	360.2	412.7	41.3	355.60
400	16	596.9	539.7	28.6	16	36.5	63.5	127.0	87.3	410.5	411.2	469.9	44.4	406.40
450	18	635.0	577.8	31.7	16	39.7	68.3	139.7	96.8	461.8	462.3	533.4	49.2	457.20
500	20	698.5	635.0	31.7	20	42.9	73.0	144.5	103.2	513.1	514.3	584.2	54.0	508.00
600	24	812.8	749.3	34.9	20	47.6	82.5	152.4	111.1	615.9	615.9	692.1	63.5	609.60

All Dimensions are in Millimeters • Flanges except Lap Joint will be furnished with (1.6mm) Raised Face, which is included in Thickness (C) and Length through Hub(Y).

Dimensions of Class 300 Flanges as per ANSI B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dia of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia of Bore		Dia of R/F	Depth of Socket	Pipe Dia
							S/O & S/W	W/N	L/J	S/O & S/W	L/J			
(MM)	(INCH)	O	A	D	C	E	Y	Y	Y	B	B	R	F	X
15	1/2	95.2	66.7	15.9	4	14.3	22.2	52.4	22.2	22.3	22.9	34.9	9.5	21.33
20	3/4	117.5	82.5	19.0	4	15.9	25.4	57.1	25.4	27.7	28.2	42.9	11.1	26.67
25	1	123.8	88.9	19.0	4	17.5	27.0	61.9	27.0	34.5	35.0	50.8	12.7	33.40
32	1 1/4	133.3	98.4	19.0	4	19.0	27.0	65.1	27.0	43.2	43.7	63.5	14.3	42.16
40	1 1/2	155.6	114.3	22.2	4	20.6	30.2	68.3	30.2	49.5	50.0	73.0	15.9	48.26
50	2	165.1	127.0	19.0	8	22.2	33.3	69.8	33.3	62.0	62.5	92.1	17.5	60.31
65	2 1/2	190.5	149.2	22.2	8	25.4	38.1	76.2	38.1	74.7	75.4	104.8	19.0	73.02
80	3	209.5	168.3	22.2	8	28.6	42.9	79.4	42.9	90.7	91.4	127.0	20.6	88.90
100	4	254.0	200.0	22.2	8	31.8	47.6	85.7	47.6	116.1	116.8	157.2	23.8	114.30
125	5	279.4	234.9	22.2	8	34.9	50.8	98.4	50.8	143.8	144.5	185.7	-	141.30
150	6	317.5	269.9	22.2	12	36.5	52.4	98.4	52.4	170.7	171.4	215.9	-	168.27
200	8	381.0	330.2	25.4	12	41.3	61.9	111.1	61.9	221.5	222.2	269.9	-	219.07
250	10	444.5	387.3	28.6	16	47.6	66.7	117.5	95.2	276.3	277.4	323.8	-	273.05
300	12	520.7	450.8	31.7	16	50.8	73.0	130.2	101.6	327.1	328.2	381.0	-	323.85
350	14	584.2	514.3	31.7	20	54.0	76.2	142.9	111.1	359.1	360.2	412.7	-	355.60
400	16	647.7	571.5	34.9	20	57.2	82.5	146.0	120.6	410.5	411.2	469.9	-	406.40
450	18	711.2	628.5	34.9	24	60.3	88.9	158.7	130.2	461.8	462.3	533.4	-	457.20
500	20	774.7	685.8	34.9	24	63.5	95.2	161.9	139.7	513.1	514.3	584.2	-	508.00
600	24	914.4	812.8	41.3	24	69.8	106.4	188.3	152.4	615.9	615.9	692.1	-	609.60

All Dimensions are in Millimeters • Flanges except Lap Joint will be furnished with (1.6mm) Raised Face, which is included in Thickness (C) and Length through Hub(Y).

Dimensions of Class 600 Flanges as per ANSI B 16.5

Nominal Pipe Size	Flange Dia	Dia of Bolt Circle	Dia of Bolt Holes	No. of Holes	Thk of Flange	Dia of Hub	Length through Hub			Dia of Bore		Dia of R/R	Depth of Socket	Pipe Dia
							S/O & S/W	W/N	L/J	S/O & S/W	L/J			
(MM)	O	A	D		C	E	Y	Y	Y	B	B	R	F	X
15	95.2	66.7	15.9	4	14.3	38.1	22.2	52.4	22.3	22.3	22.8	34.9	9.5	21.33
20	117.5	82.5	19.0	4	15.9	47.6	25.4	57.1	25.4	27.7	28.1	42.9	11.1	26.67
25	123.8	88.9	19.0	4	17.5	54.0	27.0	61.9	26.9	34.5	35.0	50.8	12.7	33.40
32	133.3	98.4	19.0	4	20.6	63.5	28.6	66.7	28.4	43.2	43.6	63.5	14.2	42.16
40	155.6	114.3	22.2	4	22.2	69.8	31.7	69.8	31.7	49.5	50.0	73.0	15.8	48.26
50	165.1	127.0	19.0	8	25.4	84.1	36.5	73.0	36.5	62.0	62.4	92.1	17.4	60.31
65	190.5	149.2	22.2	8	28.6	100.0	41.3	79.4	41.1	74.7	75.4	104.8	19.0	73.02
80	209.5	168.3	22.2	8	31.8	117.5	46.0	82.5	45.9	90.7	91.4	127.0	-	88.90
100	273.0	215.9	25.4	8	38.1	152.4	54.0	101.6	53.8	116.1	116.8	157.2	-	114.30
125	330.2	266.7	28.6	8	44.4	188.9	60.3	114.3	60.4	143.8	144.5	185.7	-	141.30
150	355.6	292.1	28.6	12	47.6	222.2	66.7	117.5	66.4	170.7	171.4	215.9	-	168.27
200	419.1	349.2	31.7	12	55.6	273.0	76.2	133.3	76.2	221.5	222.2	269.9	-	219.07
250	508.0	431.8	34.9	16	63.5	342.9	85.7	152.4	111.2	276.3	277.4	323.8	-	273.05
300	558.8	488.9	34.9	20	66.7	400.0	92.1	155.6	117.3	327.1	328.2	381.0	-	323.85
350	603.2	527.0	38.1	20	69.9	431.8	93.7	165.1	127.0	359.1	360.1	412.7	-	355.60
400	685.8	603.2	41.3	20	76.2	495.3	106.4	177.8	139.7	410.5	411.2	469.9	-	406.40
450	742.9	654.0	44.4	20	82.6	546.1	117.5	184.1	152.4	461.8	462.3	533.4	-	457.20
500	812.8	723.9	44.4	24	88.9	609.9	127.0	190.5	165.1	513.1	514.3	584.2	-	508.00
600	939.8	838.2	50.8	24	101.6	717.5	139.7	203.2	184.1	615.9	615.9	692.1	-	609.60

All Dimensions are in Millimeters • Flanges except Lap Joint will be furnished with (6.35mm) Raised Face, which is not included in Thickness (C) and Length through Hub(Y).



MS FITTINGS AND BENDS



90° ELBOWS



BLIND FLANGE



SHORT RADIUS BEND



EQUAL TEES



CONCENTRIC REDUCERS



ECCENTRIC REDUCERS



END CAPS



STUB ENDS



SLIP-ON FLANGE



WELD NECK FLANGE



LATERAL Y BRANCH
45° TEE



CROSS FEMALE



SIDE OUTLET ELBOW



UNION, F/T SEAT



UNION, F/T SEAT,
M&F



UNION ELBOW, M&F



BUSHING



CAP, HEXAGON



90° ELBOW, EQUAL



SOCKET



SOCKET REDUCING



HEXAGON NIPPLE



NIPPLE, REDUCING



HEXAGON NIPPLE



NIPPLE, REDUCING



TEE, EQUAL



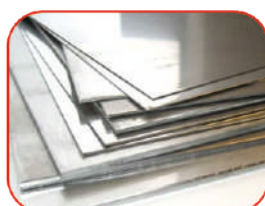
TEE REDUCING



ss filler wire



GI FLANGE



SS SHEET



INDUSTRIAL VALVES



Cast Iron Gate Valve
ISI Mark



Cast Steel Gate Valve



Forged Steel Gate Valve



SS / Bronze Gate Valve



DI Resilient Seat
Gate Valve



Cast Iron Globe Valve



Cast Steel Globe Valve



Forged Steel Globe Valve



SS / GM Globe Valve



Balancing Valve



Cast Iron Reflex Type
Non Return Valve



Cast Steel Swing Type
Non Return Valve



Forge Steel NRV



GM Vertical Check
Valve



GM Horizontal
Check Valve



Wafer Type Non
Return Valve



Disc Type Non
Return Valve



Dual Type Non
Return Valve



CI / CS / Bronze Y
Strainer Screwed End



CI / SS 'Y' Type
Strainer Flange End



CI Foot Valve



CI Rubber Lined
Diaphragm Valve



Plug Valve



Bronze Pressure
Reducing Valve



CI T Type Strainer



CI Double Orifice
Kinetic Air Valve



CI Double
Orifice H7 Air Valve



IC Sight Glass



Safety Valve



Water Meters



S.S. TC FITTINGS & VALVES



Three Way Valve



Two Way Valve



Dairy tanker valve



Butterfly Valve
with Union



Butterfly Valve Welded



Diaphragm valve



TC End Ball Valve



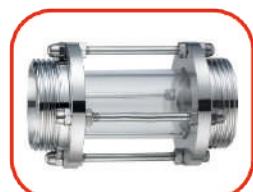
TC Ball Valve 3 Way



Butterfly Valve
Sandwich Type



TC SIGHT GLASS



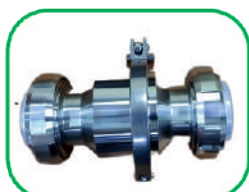
Side Glass with Union



TC End NRV



NRV Welded



NRV with Union (SMS)



In Line Filter
with Union

FROMULA OF WEIGHT

WEIGHT OF STAINLESS STEEL PIPES & TUBES

O.D. (mm) W.T. (mm) X W.T. (mm) X 0.02466 kg. per Meter
O.D. (mm) W.T. (mm) X W.T. (mm) X 0.00756 = kg. per Feet

WEIGHT OF STAINLESS STEEL ROUNDS

Dia (mm) X Dia (mm) X 0.00623 Kg. Per Meter
Dia (mm) X Dia (mm) X 0.0019 Kg. Per Feet

WEIGHT OF STAINLESS STEEL SQUARE BARS

Dia (mm) X Dia (mm) X 0.00787 Kg. Per Meter
Dia (mm) X Dia (mm) X 0.0024 = Kg. Per Feet

WEIGHT OF STAINLESS STEEL HEXAGONAL RODS

Dia (mm) X Dia (mm) X 0.00680 Kg. Per Meter
Dia (mm) X Dia (mm) X 0.002072 = Kg. Per Feet

WEIGHT OF STAINLESS STEEL FLAT BAR

Width (mm) X Thk (mm) X 0.00798 kg. Per Meter
Width (mm) X Thk (mm) X 0.00243 kg. Per Feet

WEIGHT OF STAINLESS STEEL SHEETS

Length (Mtr.) X Width (Mtr.) X Thk (mm) x 8 = kg. per Sheet
Length (Ft.) X Width (Ft.) X Thk (mm) x 3/4 = kg. per Sheet

WEIGHT OF STAINLESS STEEL CIRCLES & BLANKS

Dia (mm) X Dia (mm) X Thk. (mm)/160 = Gmg. Per Pcs.
Dia (mm) X Dia (mm) X Thk. (mm)/0.0000063 = Kg. Per Pcs.

WEIGHT OF BRASS/COPPER PIPES

Length (mm) x W.T. (mm) X W.T. (mm) * 0.026 = Kg Per Meter

WEIGHT OF CARBON STEEL SHEETS - PLATES

Length (Mtr.) x Width (Mtr.) X Thk (mm) * 7.85 = Kg Per Sheet

WEIGHT OF LEAD PIPES (APPRO.)

O.D. (mm) W.T. (mm) X W.T. (mm) * 0.0345 = Kg Per Meter

WEIGHT OF ALUMINIUM PIPES (APPRO.)

O.D. (mm) - W.T. (mm) X W.T. (mm) * 0.0082 = Kg Per Meter

WEIGHT OF LEAD SHEETS (APPRO.)

Length (mtr.) x Width (mtr.) X Thk. (mm) * 11.2 = Kg Per Sheet

WEIGHT OF ALUMINIUM SHEETS (APPRO.)

Length (Mtr.) x width (Mtr.) X Thk. (mm) * 2.69 = Kg Per Sheet

TENSILE STRENGTH CONVERSION TABLE

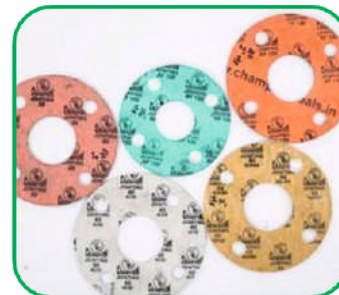
- | | |
|-------------------------------|---------------------------|
| 1) Kg/mm ² X 9.81 | = N/mm ² = MPa |
| 2) Psi X 0.0007 | = Kg/mm ² |
| 3) KSi X 1000 | = PSi |
| 4) Kg/mm ² X 1.422 | = KSi |



GASKET RING & SHEET



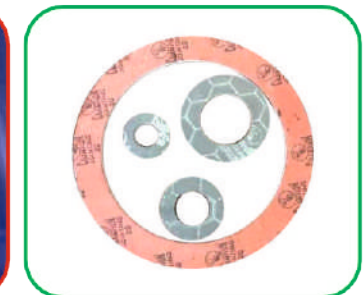
Envelope Gaskets



Non-Metallic
Gaskets Sheet



Teflon Gaskets



Non-Metallic
Gaskets



Metallic Gaskets



Metallic
Gaskets Sheet



Non-Metallic
Gaskets Sheet



Teflon Tap Yellow
Teflon Tap



Fire Safety Equipments



ENGINEERING ITEM



FABRICATED CHANNEL



SS/GI WIRE



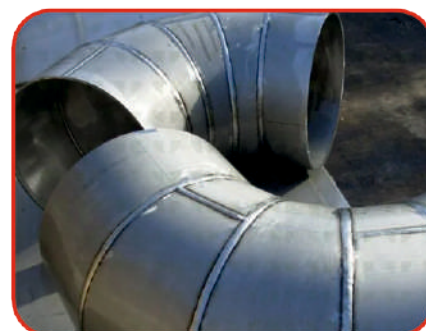
BASE PLATE



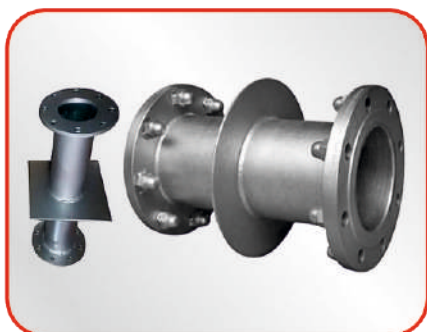
PERFORATED PIPE



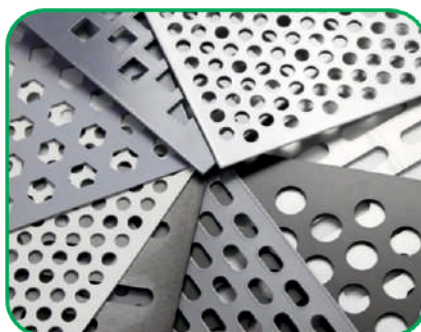
FABRICATED PIPE



MITER BEND



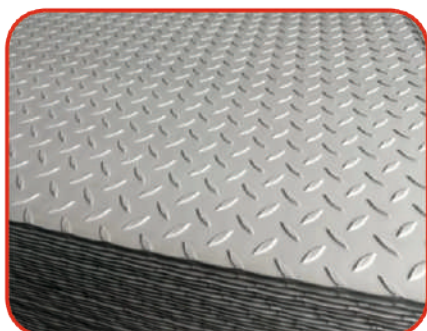
PUDDLE FLANGES



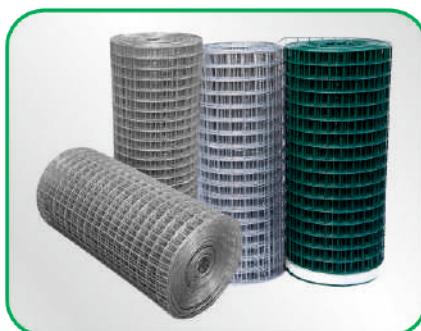
PERFORATED SHEET



**CUSTOMIZED MATCHING
FLANGES**



CHEQUERED PLATE



WELDED MESH



MILL SCREEN



INDUSTRIAL LADDERS



UNIK METAL CORPORATION is a trusted supplier of high quality ferrous and non-ferrous industrial raw materials, serving engineering, fabrication, manufacturing, construction, and infrastructure sectors across domestic and international markets. We are committed to delivering premium products that offer exceptional quality, reliability, and performance for a wide range of industrial applications.

Product Range

- ✓ Scaffold Ladders
- ✓ Step Trolleys
- ✓ Platform Ladders
- ✓ Extension Ladders

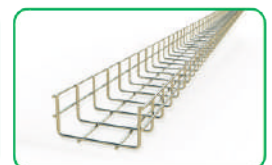
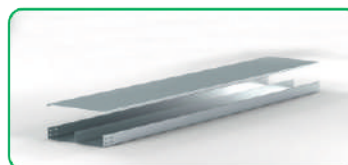
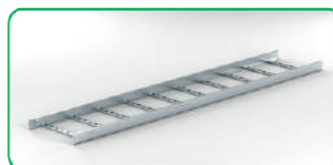
CABLE TRAYS

UNIK METAL CORPORATION is a reliable supplier of premium-quality ferrous and non-ferrous industrial raw materials, offering a comprehensive range of Pipes, Tubes, Sheets, Plates, Coils, Angles, Channels, Beams, TMT Bars, Round Bars, Square Bars, Hex Bars, Wire Bars, Pipe Fittings, and Industrial Flanges. Our products are sourced from trusted manufacturers and are designed to meet the diverse requirements of engineering, fabrication, manufacturing, construction, and infrastructure industries.



Product Range

- ✓ Perforated Cable Tray
- ✓ Ladder Cable Tray
- ✓ Wire Mesh Cable Tray
- ✓ Floor Trunking
- ✓ Raceway Junction Box





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