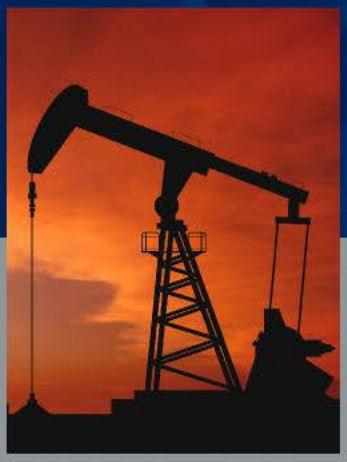
Peoples Steel Mills Ltd.



Seamless Pipes and Tubes

We aim to be the leading, innovative and most reliable manufacturer of Seamless Pipes and Tubes in Pakistan, offering complete solution to our customers.

CONTENTS

INTRODUCTION

Peoples Steel Mills Ltd. (PSM), is the market leader of alloy and special steels in Pakistan. The plant was set-up by the Government of Pakistan in 1975 at Manghopir Karachi.

A diversified base of more than 250 customers includes high profile illustrious end users in automotive, defense, agricultural machinery, transportation and engineering sectors in Pakistan.

To meet the diversified requirements of Oil and Gas, Process Industry, General engineering, Automotive, Defence etc., Seamless Pipe Mill has been setup for the production of carbon/ alloy/ special steel seamless pipes and tubes as per international standards.

The Plant is equipped with state of the art facilities to produce hot rolled, cold drawn and cold rolled pipes / tubes.

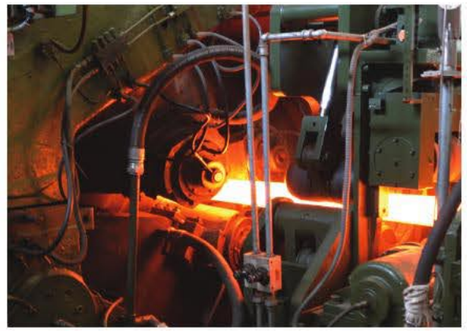
PRODUCTION FACILITIES

Rotary Hearth Furnace

Rotary Hearth Furnace (RHF) is a gas fired rotating hearth furnace to reheat round billet for hot forming. The furnace is circumferentially divided into different zones where temperature of billets are gradually raised until they acquire plastic form.

Three Roll Piercer

The Input stock received from RHF with temperature in hot forming range is brought to the three roll piercer. A mandrel mounted on the opposite side of the piercer is brought between the rolls and the input stock is forced by the rolls to be hot formed into the shape of hollow shell.



Elongator

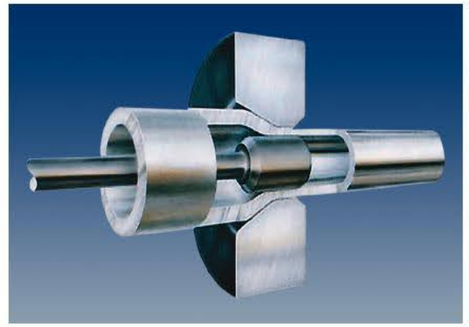
The hollow shell is then shifted to Elongater. A manderal bar is inserted in the hollow shell and the same is rolled between Elongator rolls. The internal surface of the hollow shell is finished in this process. The second mode of elongator gives provision of introducing a plug from the opposite side of mandrel flow enabling diameter enlargement of the hollow shell as compared with the one produced at piercer.

Sizing Mill

The hollow shell is then passed through sizing mill having a combination of multiple rolls, finishing the outer surface of the pipe. The thickness of the pipe is not theoretically altered in this process.

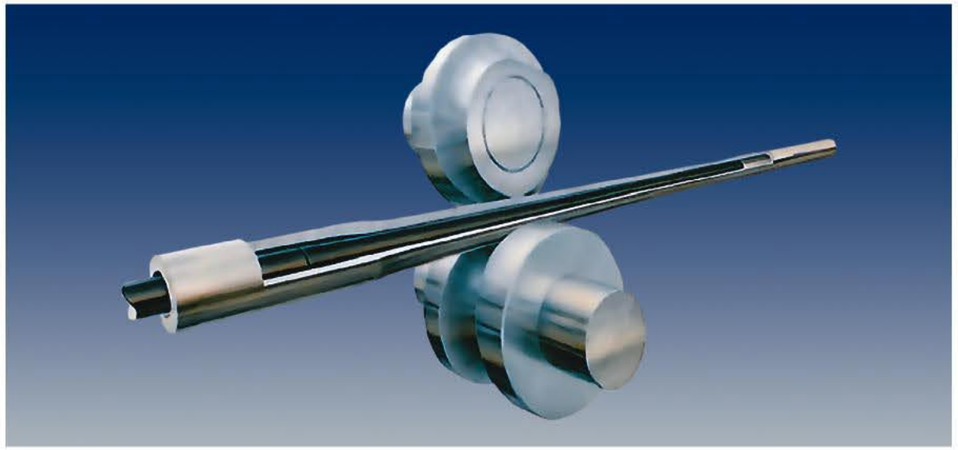
Annealing Furnace

A gas fired 117m continuous roller hearth furnace is used for heat treatment of pipes and tubes. The furnace is divided into multiple temperature zones for consistent annealing operations with minimum surface degradation.



Cold Drawing

Cold drawn Seamless steel tubes are required for boiler, heat exchanger, super heater as well as for Mechanical applications. Our cold drawing tube manufacturing facility covers product range from 19mm to 69.85mm outer dia with wall thickness from 2mm to 10mm.



Cold Pilger Mill

The double roll cold rolling pilger mill is capable of producing precision and thin-walled tubes. The cold rolling operation not only ensures dimensional precision but also develops better mechanical properties through cold forming. Tubes with outer diameter range of 16 ~ 60mm with wall thickness of as low as 1mm is possible through this operation.

TESTING / INSPECTION FACILITIES

With the help of an ISO-17025 accredited laboratory, meticulous analysis of inputs, in process and finished products is carried out by qualified technical professionals such that the product compliance is ensured with applicable international standards.

Latest testing facilities includes:

Chemical Analysis

- Optical Emission Spectrometer
- Carbon/ Sulfur Analyzer
- O. N. H. Analyzer
- XRF Spectrometer

Mechanical Testing

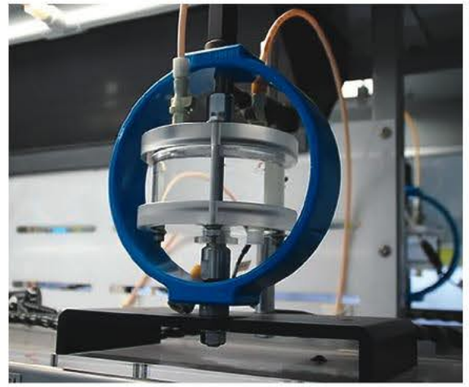
- Universal Testing Machine
- Hardness Testing Machines
- Charpy Impact Testing Machine

Metallographic Examination

- Optical Microscopes
- Scanning Electron Microscope

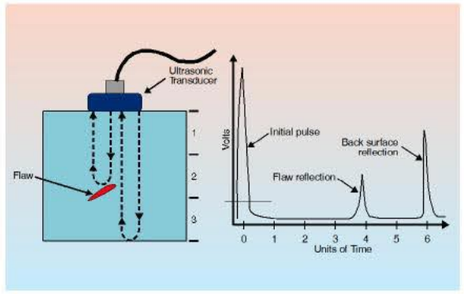
Corrosion Susceptibility Tests

- Hydrogen Induced Cracking (HIC)
- Sulfide Stress Corrosion Cracking (SSCC)



Hydrostatic Testing

Hydrostatic testing is meant to ensure integrity of the pipe. International standards specify test pressures and holding time for different sizes. Each Pipe is hydrostatically tested to ensure rated strength under pressure.



Non-Destructive Testing

- Ultrasonic Flaw Detectors
- Ultrasonic Thickness Gauge

The testing/ inspection activities are performed by qualified technical personnel having vast experience of understanding and examining metallic properties and behaviors.

COMPETITIVE EDGE

Commitment to Total Quality Management

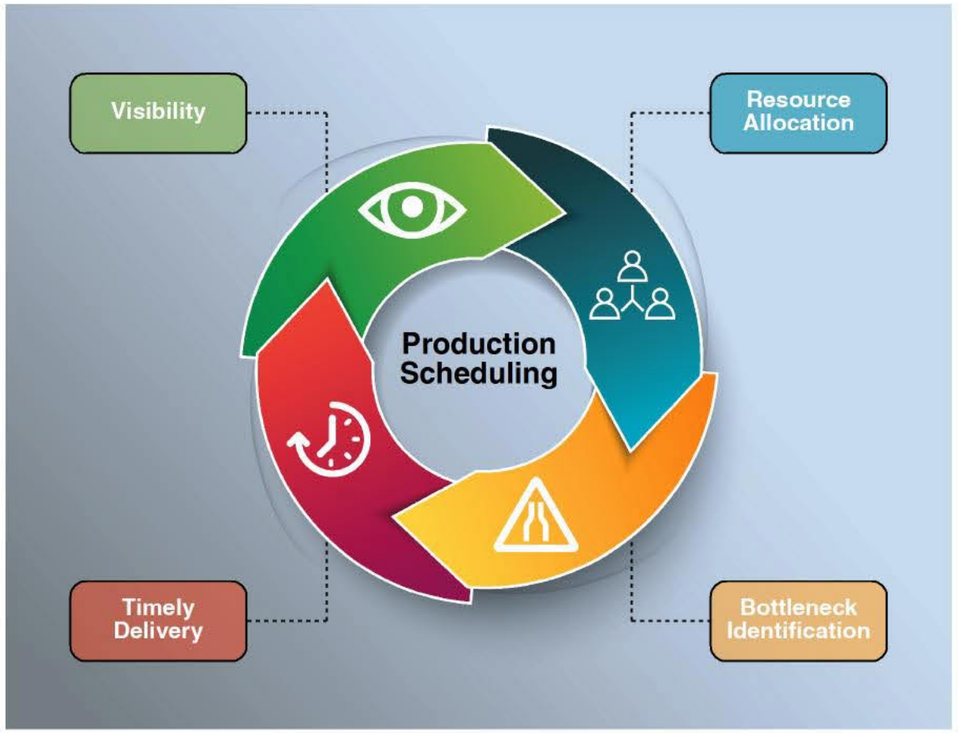
To ensure absolute utmost quality, PSM has implemented quality management system as per ISO 9001:2015 such that the products manufactured conform to the requirements of international standards i.e. API 5L, ASME, ASTM, ISO, DIN, BS, EN, JIS etc.

Metallurgical Expertise

PSM possesses a distinctive inherent edge in metallurgical expertise. We have an excellent technological Research and Development team utilizing latest material analyzing techniques and a history of metallurgical support to miscellaneous industrial sectors. This enables PSM to process variety of steel types and grades under a single facility.

We strive for Optimum Customer Satisfaction

We aim to be recognized more than just a quality product supplier but to be a superior solution provider for our customers. Along with managing product sales, our sales team put greater emphasis on “Pre” and “Post” sales services. Customer satisfaction is what we strive for through our professional business approach.

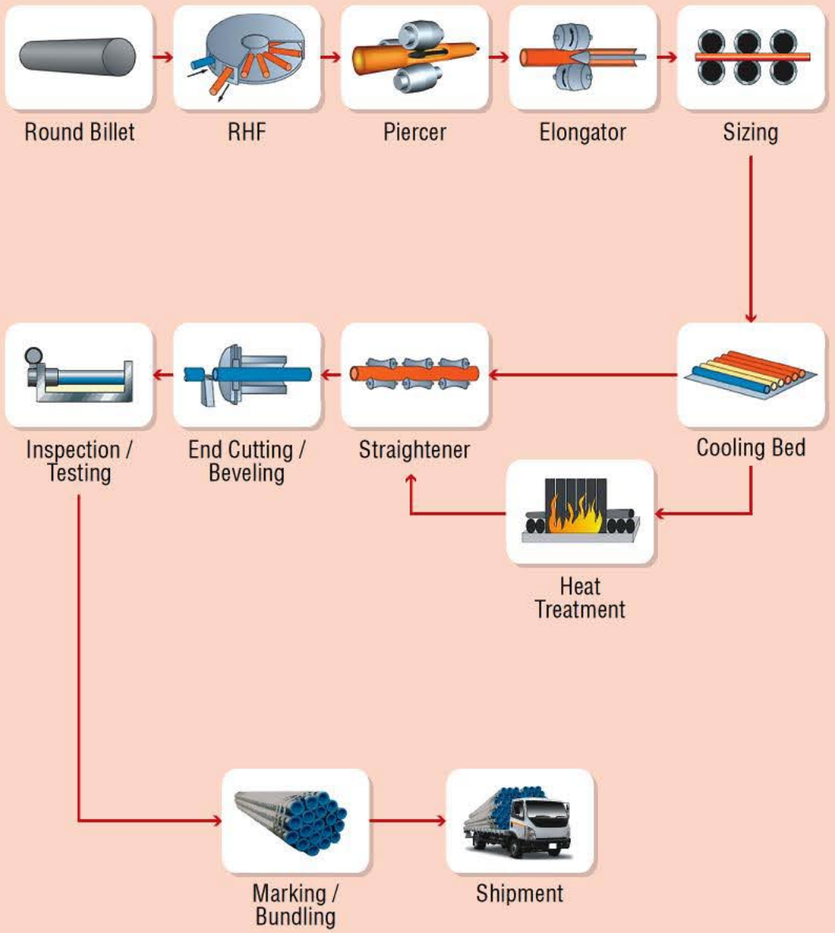


Excellent Production Planning and Supply Chain Management

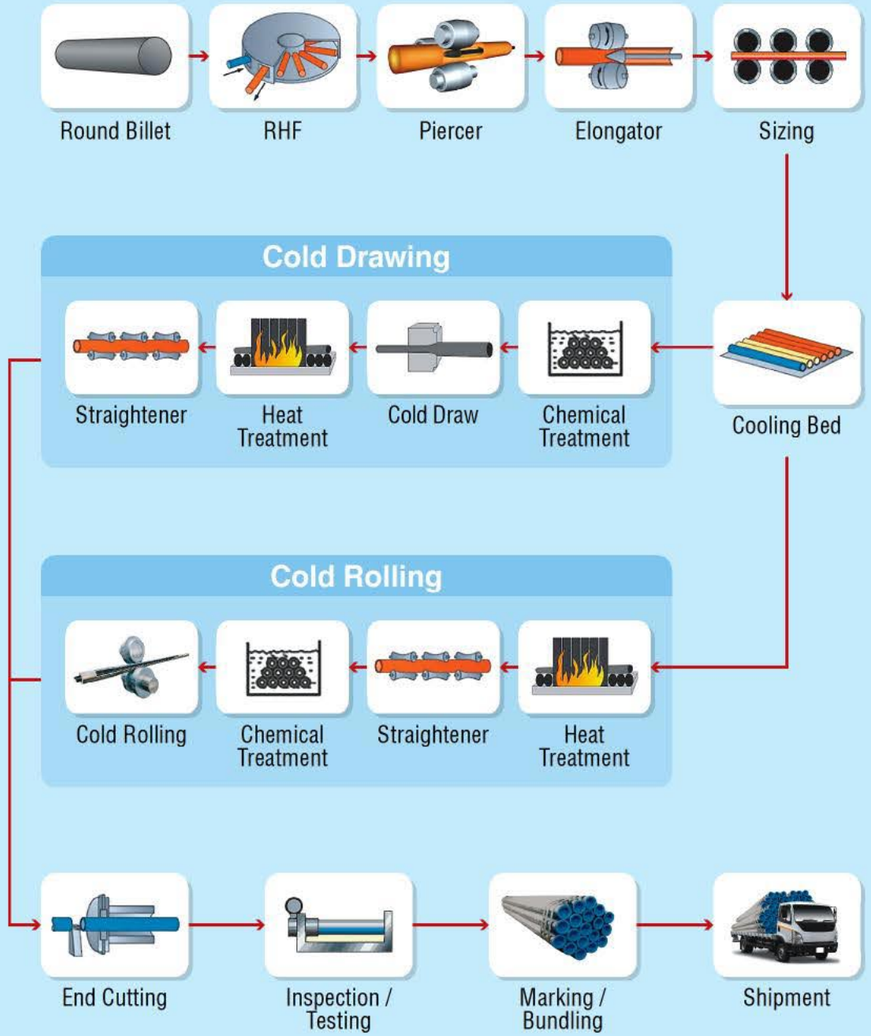
An intelligent production planning and supply chain management system ensures timely deliveries to our customers. Stock of fast moving products are maintained to minimize delivery time.

PROCESS FLOW

Hot Finished, Seamless Pipes / Tubes



Cold Finished, Seamless Pipes / Tubes



REPRESENTATIVE GRADES

Product Classification	Standard Grade	Product Description
Line Pipe	API 5L	Line Pipe for Oil and Gas Application
	DIN EN 10208/ ISO 3183	Steel Pipes for Pipelines for Petroleum, Natural Gas and other Combustible Fluids
Process Piping	ASTM/ ASME A53/ A106	Carbon Steel Pipe for High Temperature Services
	ASTM/ ASME A333	Steel Pipe for Low Temperature Service
	ASTM/ ASME A335	Ferritic Alloy Steel pipe for High-Temperature Service
	ASTM/ ASME A312	Austenitic Stainless Steel Pipes
	ASTM/ ASME A790	Ferritic/ Austenitic Stainless Steel Pipes
	JIS G3454	Carbon Steel Pipes for Pressure Service
	JIS G3455	Carbon Steel Pipes for High Pressure Service
	JIS G3456	Carbon Steel Pipes for High Temperature Service
Boiler/ Heat Exchanger/ Super Heater Tubes	ASTM/ ASME A179	Low Carbon Steel Heat Exchanger and Condenser Tubes
	ASTM/ ASME A192	Low Carbon Steel Boiler Tubes for High Pressure Service
	ASTM/ ASME A210	Medium carbon Steel Boiler and Super Heater Tubes
	ASTM/ ASME A213	Ferritic and Austenitic Alloy Steel Boiler, Super Heater and Heat Exchanger Tubes
	JIS G3461	Carbon Steel Boiler and Heat Exchanger Tubes
	JIS G3462	Alloy Steel Boiler and Heat Exchanger Tubes
	JIS G3464	Steel Heat Exchanger Tubes for Low Temperature Service
	DIN EN 17175	Seamless Tubes of Heat Resistant Steels
Precision Tubes	AISI/ SAE 1541	Cold Rolled Precision Tubes for Front Fork Assembly
	DIN EN 10305	Steel Tubes for Precision Applications
Mechanical Tubes	ASTM/ ASME A519	Carbon and Alloy Steel Mechanical Tubing
	JIS G3441	Alloy Steel Tubes for Machine Purposes
	JIS G3444	Carbon Steel Tubes for General Structural Purposes
	JIS G3445	Carbon Steel Tubes for Machine Structural Purposes
	DIN 1629	Unalloyed Steel Tubes subject for General Mechanical Engineering Purposes
	DIN 1630	High Performance Steel Tubes
	BS 6323 CFS3 – CFS11	Steel Tubes for Automobile, Mechanical and General Engineering Purposes

We have capability to produce seamless pipes/ tubes according to other international standards/specifications.

PRODUCT SIZE RANGE

NPS	OD (mm)	Wall Thickness (mm)																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	16.0																														
	19.05																														
½"	21.3																														
	25.4																														
¾"	26.7																														
	1.8																														
1"	33.4																														
	38.1																														
	41.3																														
	44.5																														
1-½"	48.3																														
	50.8																														
	57.15																														
2"	60.3																														
	63.5																														
	69.85																														
2-½"	73.0																														
	76.2																														
3"	88.9																														
3-½"	101.6																														
4"	114.3																														
	127.0																														
5"	141.3																														
6"	168.3																														
8"	219.1																														

Cold Finished Hot Finished

Other Sizes (diameter and wall thickness) can also be manufactured on customer's requirement

ASTM A-53/ A-106 DIMENSIONS, NOMINAL WEIGHTS AND TEST PRESSURES

NPS Designator	DN Designator	Outside Diameter		Nominal Wall Thickness Length		Nominal Weight (Mass) per Unit		Weight Class	Sch. No	Test Pressure Grade A		Test Pressure Grade B	
		in	mm	in	mm	lb/ft	Kg/m			psi	KPa	psi	KPa
½	15	0.840	21.3	0.109	2.77	0.85	1.27	STD	40	700	4,800	700	4,800
				0.147	3.73	1.09	1.62	XS	80	850	5,900	850	5,900
				0.188	4.78	1.31	1.95	…	160	900	6,200	900	6,200
				0.294	7.47	1.72	2.55	XXS	…	1,000	6,900	1,000	6,900
¾	20	1.050	26.7	0.113	2.87	1.13	1.69	STD	40	700	4,800	700	4,800
				0.154	3.91	1.48	2.20	XS	80	850	5,900	850	5,900
				0.219	5.56	1.95	2.90	…	160	950	6,500	950	6,500
				0.308	7.82	2.44	3.64	XXS	…	1,000	6,900	1,000	6,900
1	25	1.315	33.4	0.133	3.38	1.68	2.50	STD	40	700	4,800	700	4,800
				0.179	4.55	2.17	3.24	XS	80	850	5,900	850	5,900
				0.250	6.35	2.85	4.24	…	160	950	6,500	950	6,500
				0.358	9.09	3.66	5.45	XXS	…	1,000	6,900	1,000	6,900
1-¼	32	1.660	42.2	0.140	3.56	2.27	3.39	STD	40	1,200	8,300	1,300	9,000
				0.191	4.85	3.00	4.47	XS	80	1,800	12,400	1,900	13,100
				0.250	6.35	3.77	5.61	…	160	1,900	13,100	2,000	13,800
				0.382	9.70	5.22	7.77	XXS	…	2,200	15,200	2,300	15,900
1-½	40	1.900	48.3	0.145	3.68	2.72	4.05	STD	40	1,200	8,300	1,300	9,000
				0.200	5.08	3.63	5.41	XS	80	1,800	12,400	1,900	13,100
				0.281	7.14	4.86	7.25	…	160	1,950	13,400	2,050	14,100
				0.400	10.16	6.41	9.56	XXS	…	2,200	15,200	2,300	15,900
2	50	2.375	60.3	0.154	3.91	3.66	5.44	STD	40	2,300	15,900	2,500	17,200
				0.218	5.54	5.03	7.48	XS	80	2,500	17,200	2,500	17,200
				0.344	8.74	7.47	11.11	…	160	2,500	17,200	2,500	17,200
				0.436	11.07	9.04	13.44	XXS	…	2,500	17,200	2,500	17,200
2-½	65	2.875	73.0	0.203	5.16	5.80	8.63	STD	40	2,500	17,200	2,500	17,200
				0.276	7.01	7.67	11.41	XS	80	2,500	17,200	2,500	17,200
				0.375	9.52	10.02	14.90	…	160	2,500	17,200	2,500	17,200
				0.552	14.02	13.71	20.39	XXS	…	2,500	17,200	2,500	17,200
3	80	3.500	88.9	0.125	3.18	4.51	6.72	…	…	1,290	8,900	1,500	1,000
				0.156	3.96	5.58	8.29	…	…	1,600	11,000	1,870	12,900
				0.188	4.78	6.66	9.92	…	…	1,930	13,330	2,260	15,600
				0.216	5.49	7.58	11.29	STD	40	2,220	15,300	2,500	17,200
				0.250	6.35	8.69	12.93	…	…	2,500	17,200	2,500	17,200
				0.281	7.14	9.67	14.40	…	…	2,500	17,200	2,500	17,200
				0.300	7.62	10.26	15.27	XS	80	2,500	17,200	2,500	17,200
				0.438	11.13	14.34	21.35	…	160	2,500	17,200	2,500	17,200
				0.600	15.24	18.60	27.68	XXS	…	2,500	17,200	2,500	17,200
3-½	90	4.000	101.6	0.125	3.18	5.18	7.72	…	…	1,120	7,700	1,310	19,000
				0.156	3.96	6.41	9.53	…	…	1,400	6,700	1,640	11,300
				0.188	4.78	7.66	11.41	…	…	1,690	11,700	1,970	13,600
				0.226	5.74	9.12	13.57	STD	40	2,030	14,000	2,370	16,300
				0.250	6.35	10.02	14.92	…	…	2,250	15,500	2,500	17,200
				0.281	7.14	11.17	16.63	…	…	2,500	17,200	2,500	17,200
				0.318	8.08	12.52	18.63	XS	80	2,800	19,300	2,800	19,300

ASTM A-53/ A-106 DIMENSIONS, NOMINAL WEIGHTS AND TEST PRESSURES

NPS Designator	DN Designator	Outside Diameter		Nominal Wall Thickness Length		Nominal Weight (Mass) per Unit		Weight Class	Sch. No	Test Pressure Grade A		Test Pressure Grade B	
		in	mm	in	mm	lb/ft	Kg/m			psi	KPa	psi	KPa
4	100	4.500	114.3	0.125	3.18	5.85	8.71	…	…	1,000	6,900	1,170	8,100
				0.156	3.96	7.24	10.78	…	…	1,250	8,600	1,460	10,100
				0.188	4.78	8.67	12.91	…	…	1,500	10,300	1,750	12,100
				0.219	5.56	10.02	14.91	…	…	1,750	12,100	2,040	14,100
				0.237	6.02	10.80	16.07	STD	40	1,900	13,100	2,210	15,200
				0.250	6.35	11.36	16.90	…	…	2,000	13,800	2,330	16,100
				0.281	7.14	12.67	18.87	…	…	2,250	15,100	2,620	18,100
				0.312	7.92	13.97	20.78	…	…	2,500	17,200	2,800	19,300
				0.337	8.56	15.00	22.32	XS	80	2,700	18,600	2,800	19,300
				0.438	11.13	19.02	28.32	…	120	2,800	19,300	2,800	19,300
				0.531	13.49	22.53	33.54	…	160	2,800	19,300	2,800	19,300
				0.674	17.12	27.57	41.03	XXS	…	2,800	19,300	2,800	19,300
5	125	5.563	141.3	0.156	3.96	9.02	13.41	…	…	1,010	7,000	1,180	8,100
				0.188	4.78	10.80	16.09	…	…	1,220	8,400	1,420	9,800
				0.219	5.56	12.51	18.61	…	…	1,420	9,800	1,650	11,400
				0.258	6.55	14.63	21.77	STD	40	1,670	11,500	1,950	13,400
				0.281	7.14	15.87	23.62	…	…	1,820	12,500	2,120	14,600
				0.312	7.92	17.51	26.05	…	…	2,020	13,900	2,360	16,300
				0.344	8.74	19.19	28.57	…	…	2,230	15,400	2,600	17,900
				0.375	9.52	20.80	30.94	XS	80	2,430	16,800	2,800	19,300
				0.500	12.70	27.06	40.28	…	120	2,800	19,300	2,800	19,300
				0.625	15.88	32.99	49.11	…	160	2,800	19,300	2,800	19,300
				0.750	19.05	38.59	57.43	XXS	…	2,800	19,300	2,800	19,300
6	150	6.625	168.3	0.188	4.78	12.94	19.27	…	…	1,020	7,000	1,190	8,200
				0.219	5.56	15.00	22.31	…	…	1,190	8,200	1,390	9,600
				0.250	6.35	17.04	25.36	…	…	1,360	9,400	1,580	10,900
				0.280	7.11	18.99	28.26	STD	40	1,520	10,500	1,780	12,300
				0.312	7.92	21.06	31.32	…	…	1,700	11,700	1,980	13,700
				0.344	8.74	23.10	34.39	…	…	1,870	12,900	2,180	15,000
				0.375	9.52	25.05	37.28	…	…	2,040	14,100	2,380	16,400
				0.432	10.97	28.60	42.56	XS	80	2,350	16,200	2,740	18,900
				0.562	14.27	36.43	54.20	…	120	2,800	19,300	2,800	19,300
				0.719	18.26	45.39	67.56	…	160	2,800	19,300	2,800	19,300
				0.864	21.95	53.21	79.22	XXS	…	2,800	19,300	2,800	19,300
8	200	8.625	219.1	0.188	4.78	16.96	25.26	…	…	780	5,400	920	6,300
				0.203	5.16	18.28	27.22	…	…	850	5,900	1,000	6,900
				0.219	5.56	19.68	29.28	…	…	910	6,300	1,070	7,400
				0.250	6.35	22.38	33.31	…	20	1,040	7,200	1,220	8,400
				0.277	7.04	24.72	36.31	…	30	1,160	7,800	1,350	9,300
				0.312	7.92	27.73	41.24	…	…	1,300	9,000	1,520	10,500
				0.322	8.18	28.58	42.55	STD	40	1,340	9,200	1,570	10,800
				0.344	8.74	30.45	45.34	…	…	1,440	9,900	1,680	11,600
				0.375	9.52	33.07	49.20	…	…	1,570	10,800	1,830	12,600
				0.406	10.31	35.67	53.08	…	60	1,700	11,700	2,000	13,800
				0.438	11.13	38.33	57.08	…	…	1,830	12,600	2,130	14,700
				0.500	12.70	43.43	64.64	XS	80	2,090	14,400	2,430	16,800
				0.594	15.09	51.00	75.92	…	100	2,500	17,200	2,800	19,300
				0.719	18.26	60.77	90.44	…	120	2,800	19,300	2,800	19,300
				0.812	20.62	67.82	100.92	…	140	2,800	19,300	2,800	19,300
				0.875	22.22	72.49	107.88	XXS	…	2,800	19,300	2,800	19,300
				0.906	23.01	74.76	111.27	…	160	2,800	19,300	2,800	19,300

API 5L STANDARD DIMENSIONS AND NOMINAL WEIGHTS

Outside Diameter		Wall Thickness		Nominal Weight (Mass) per Unit Length	
in	mm	in	mm	lb/ft	Kg/m
0.840	21.3	0.109	2.77	0.85	1.27
		0.147	3.73	1.09	1.62
		0.294	7.47	1.72	2.55
1.050	26.7	0.113	2.87	1.13	1.69
		0.154	3.91	1.48	2.20
		0.308	7.82	2.44	3.64
1.315	33.4	0.133	3.38	1.68	2.50
		0.179	4.55	2.17	3.24
		0.358	9.09	3.66	5.45
1.660	42.2	0.140	3.56	2.27	3.39
		0.191	4.85	3.00	4.47
		0.382	9.70	5.22	7.77
1.900	48.3	0.145	3.68	2.72	4.05
		0.200	5.08	3.63	5.41
		0.400	10.16	6.41	9.56
2.375	60.3	0.083	2.11	2.03	3.03
		0.109	2.77	2.64	3.93
		0.125	3.18	3.01	4.48
		0.141	3.58	3.37	5.01
		0.154	3.91	3.66	5.44
		0.172	4.37	4.05	6.03
		0.188	4.78	4.40	6.54
		0.218	5.54	5.03	7.48
		0.250	6.35	5.68	8.45
		0.281	7.14	6.29	9.36
		0.436	11.07	9.04	13.44
2.875	73.0	0.083	2.11	2.48	3.69
		0.109	2.77	3.22	4.80
		0.125	3.18	3.67	5.48
		0.141	3.58	4.12	6.13
		0.156	3.96	4.53	6.74
		0.172	4.37	4.97	7.40
		0.188	4.78	5.40	8.04
		0.203	5.16	5.80	8.63
		0.216	5.49	6.14	9.14
		0.250	6.35	7.02	10.44
		0.276	7.01	7.67	11.41
		0.552	14.02	13.71	20.39
3.500	88.9	0.083	2.11	3.03	4.52
		0.109	2.77	3.95	5.88
		0.125	3.18	4.51	6.72
		0.141	3.58	5.06	7.53
		0.156	3.96	5.58	8.29
		0.172	4.37	6.12	9.11
		0.188	4.78	6.66	9.92
		0.216	5.49	7.58	11.29
		0.250	6.35	8.69	12.93
		0.281	7.14	9.67	14.40
		0.300	7.62	10.26	15.27
		0.600	15.24	18.60	27.68
4.000	101.6	0.083	2.11	3.48	5.18
		0.109	2.77	4.53	6.75
		0.125	3.18	5.18	7.72
		0.141	3.58	5.82	8.65
		0.156	3.96	6.41	9.53
		0.172	4.37	7.04	10.48
		0.188	4.78	7.66	11.41
		0.226	5.74	9.12	13.57
		0.250	6.35	10.02	14.92
		0.281	7.14	11.17	16.63
		0.318	8.08	12.52	18.63

API 5L STANDARD DIMENSIONS AND NOMINAL WEIGHTS

Outside Diameter		Wall Thickness		Nominal Weight (Mass) per Unit Length	
in	mm	in	mm	lb/ft	Kg/m
4.500	114.3	0.083	2.11	3.92	5.84
		0.125	3.18	5.85	8.71
		0.141	3.58	6.57	9.77
		0.156	3.96	7.24	10.78
		0.172	4.37	7.96	11.85
		0.188	4.78	8.67	12.91
		0.203	5.16	9.32	13.89
		0.219	5.56	10.02	14.91
		0.237	6.02	10.80	16.07
		0.250	6.35	11.36	16.90
		0.281	7.14	12.67	18.87
		0.312	7.92	13.97	20.78
		0.337	8.56	15.00	22.32
		0.438	11.13	19.02	28.32
		0.531	13.49	22.53	33.54
		0.674	17.12	27.57	41.03
5.563	141.3	0.083	2.11	4.86	7.24
		0.125	3.18	7.27	10.83
		0.156	3.96	9.02	13.41
		0.188	4.78	10.80	16.09
		0.219	5.56	12.51	18.61
		0.258	6.55	14.63	21.77
		0.281	7.14	15.87	23.62
		0.312	7.92	17.51	26.05
		0.344	8.74	19.19	28.57
		0.375	9.53	20.80	30.97
		0.500	12.70	27.06	40.28
		0.625	15.88	32.99	49.11
		0.750	19.05	38.59	57.43
6.625	168.3	0.083	2.11	5.80	8.65
		0.109	2.77	7.59	11.31
		0.125	3.18	8.69	12.95
		0.141	3.58	9.77	14.54
		0.156	3.96	10.79	16.05
		0.172	4.37	11.87	17.67
		0.188	4.78	12.94	19.27
		0.203	5.16	13.94	20.76
		0.219	5.56	15.00	22.31
		0.250	6.35	17.04	25.36
		0.280	7.11	18.99	28.26
		0.312	7.92	21.06	31.32
		0.344	8.74	23.10	34.39
		0.375	9.53	25.05	37.31
		0.432	10.97	28.60	42.56
		0.500	12.70	32.74	48.73
		0.562	14.27	36.43	54.20
		0.625	15.88	40.09	59.69
		0.719	18.26	45.39	67.56
		0.750	19.05	47.10	70.11
		0.864	21.95	53.21	79.22
		0.875	22.23	53.78	80.07
8.625	219.1	0.125	3.18	11.36	16.93
		0.156	3.96	14.12	21.01
		0.188	4.78	16.96	25.26
		0.203	5.16	18.28	27.22
		0.219	5.56	19.68	29.28
		0.250	6.35	22.38	33.31
		0.277	7.04	24.72	36.81
		0.312	7.92	27.73	41.24
		0.322	8.18	28.58	42.55
		0.344	8.74	30.45	45.34
		0.375	9.53	33.07	49.25
		0.438	11.13	38.33	57.08
		0.500	12.70	43.43	64.64
		0.562	14.27	48.44	72.08
		0.625	15.88	53.45	79.58
		0.719	18.26	60.77	90.44
		0.750	19.05	63.14	93.98
		0.812	20.62	67.82	100.92
		0.875	22.23	72.49	107.92
		1.000	25.40	81.51	121.33

SUPPLY CONDITIONS

Surface Protection

Pipes may be supplied with outer protective surface through

- Oil
- Varnish
- Paint
- Lacquer
- Galvanized
- Fusion Bond Stand-alone Epoxy Coating (FBE)
- 3-Layer Polyethylene / Polypropylene Coating

The pipe ends are protected with plastic caps.

End Finish

Pipe ends may be supplied as

- Square Cut
- Beveled

Marking/ Bundling

Each length of the pipe / tube is marked with product details as per international standards and bundled up for ease of handling at customer end.

Inside Back cover with jacket

Peoples Steel Mills Ltd.

Seamless Pipe Mill Division

Manghopir, Karachi, Pakistan.
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