

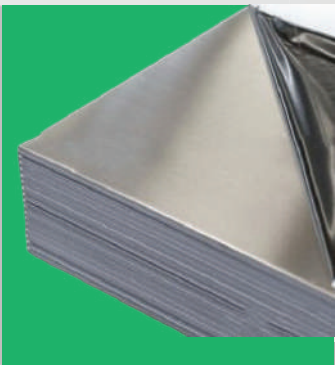
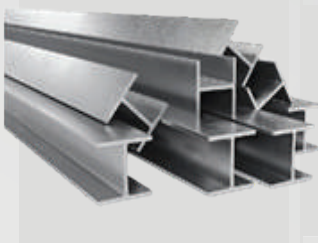
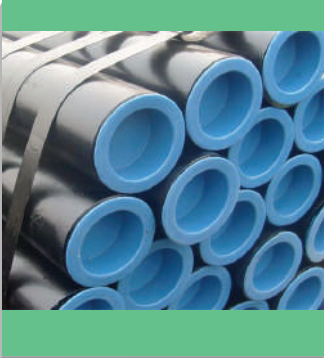


HADID

www.hadidglobal.com.bd

+8801325074100

Industrial Equipment's CATALOG





About us

Assalamu Alaikum,

HADID GLOBAL is an engineering product and equipment supplier. We also provide engineering solutions tailored to our customer's needs. Our directors are from diverse engineering backgrounds including Mechanical, Civil, Electrical, IPE, Environment, Fire Protection Engineering, Energy Management, and Waste Water Management.

Supplying our customers with products of the right quality is our prime objective.

We provide products and engineering solutions to our valued customers in Textiles & RMG, Oil & Gas, Mining, Marine, Energy, Waste & Water Management, Commercial Buildings (commercial, industrial and residential) and Transport sectors.

Our long-term goal is to manufacture, assemble and supply engineering products in near future to meet the growing demand of our valuable customers.

This catalogue includes a short list of our product ranges. We highly appreciate your kind support by providing business inquiries. We also appreciate your valuable suggestions for our continual improvement.

We would like to invite you to visit our showroom at Nawabpur and our corporate office at Uttara (see addresses at back Page of this catalog). You can visit our website (www.hadidglobal.com.bd) and E-Commerce site (www.engineershopbd.com)

Thanking You,

Dr. Tariq Bin Yousuf
B.Sc. in Civil Engineering (BUET).
Chairman
HADID GLOBAL LTD.



HADID GLOBAL LTD.




CONTENTS OF MAJOR PRODUCT GROUP

01. Utilities (Process, Water, Gas, Air & Steam).....	2
02. Sheet and Structural Steel Part.....	4
03. Lubricant & Chemical.....	4
04. Measuring & Pneumatic Equipment.....	5
05. Fire Safety.....	5
06. Ventilation (NAC).....	7
07. Smoke Management System.....	7
08. Renewable Energy.....	7
09. Audio Sound System.....	7
10. Electric Items.....	7
11. Lightning Protection Systems (LPS).....	8
12. Tools Equipment & Bearing.....	8
13. Turnkey Project.....	8
14. Consultancy.....	8
15. Pipe Basic.....	9





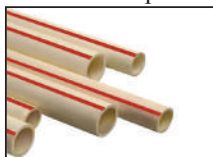

Utilities 01
 Sheet & Structural Steel Part 02
 Lubricant & Chemical 03
 Measuring & Pneumatic 04
 Fire Safety 05
 Ventilation (NAC) 06
 Smoke Management System 07
 Renewable Energy 08
 Audio Sound System 09
 Electric Items 10
 LPS 11

Utilities (Process, Water & Steam)

Process Utilities

<p>Seamless Pipe</p>  <p>HPU-101</p>	<p>SS Pipe</p>  <p>HPU-102</p>	<p>ERW Pipe</p>  <p>HPU-103</p>	<p>API Pipe</p>  <p>HPU-104</p>	<p>CS Pipe</p>  <p>HPU-105</p>	<p>Filter</p>  <p>HPU-106</p>
<p>Globe Valve</p>  <p>HPU-107</p>	<p>Piston Valve</p>  <p>HPU-108</p>	<p>Needle Valve</p>  <p>HPU-109</p>	<p>Control Valve</p>  <p>HPU-110</p>	<p>Diaphragm Valve</p>  <p>HPU-111</p>	<p>Butterfly Valve</p>  <p>HPU-112</p>
<p>Pinch Valve</p>  <p>HPU-113</p>	<p>Gate Valve</p>  <p>HPU-114</p>	<p>Ball Valve</p>  <p>HPU-115</p>	<p>Knife gate Valve</p>  <p>HPU-116</p>	<p>Check Valve</p>  <p>HPU-117</p>	<p>Hydraulic Butterfly Valve</p>  <p>HPU-118</p>
<p>Pressure Relief Valve</p>  <p>HPU-119</p>	<p>3 Way Ball Valve</p>  <p>HPU-120</p>	<p>Floating Ball Valve</p>  <p>HPU-121</p>	<p>Side Entry or Split Body Valve</p>  <p>HPU-122</p>	<p>Double Offset Butterfly Valve</p>  <p>HPU-123</p>	<p>Triple Offset Butterfly Valve</p>  <p>HPU-124</p>
<p>Non Return Valve</p>  <p>HPU-125</p>	<p>Y-Strainer Valve</p>  <p>HPU-126</p>	<p>Flanged End</p>  <p>HPU-127</p>	<p>Butt-welded Types End</p>  <p>HPU-128</p>	<p>Plug Valve</p>  <p>HPU-129</p>	<p>Steam Globe Valve</p>  <p>HPU-130</p>
<p>Foot Valve</p>  <p>HPU-131</p>	<p>OS&Y Gate Valve</p>  <p>HPU-132</p>	<p>Non-rising Stem Gate Valve</p>  <p>HPU-133</p>	<p>Flexible Wedge Gate Valve</p>  <p>HPU-134</p>	<p>Plug Valve</p>  <p>HPU-135</p>	<p>Multi Turn Valve</p>  <p>HPU-136</p>

Water Utilities

<p>G.I Pipe</p>  <p>HWU-101</p>	<p>uPVC Pipe</p>  <p>HWU-102</p>	<p>uPVC Thread Pipe</p>  <p>HWU-103</p>	<p>uPVC Pipe Fittings</p>  <p>HWU-104</p>	<p>cPVC Pipe</p>  <p>HWU-105</p>	<p>cPVC Pipe Fittings</p>  <p>HWU-106</p>
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Utilities (Process, Water & Steam)













Water Utilities

<p>Elbow</p>  <p>HWU-107</p>	<p>Tee</p>  <p>HWU-108</p>	<p>Cap</p>  <p>HWU-109</p>	<p>Bend</p>  <p>HWU-110</p>	<p>Flanges</p>  <p>HWU-111</p>	<p>Floor Flange</p>  <p>HWU-112</p>
<p>90 Degree Elbow</p>  <p>HWU-113</p>	<p>Male Elbow</p>  <p>HWU-114</p>	<p>Female-Male Elbow</p>  <p>HWU-115</p>	<p>135 Degree Female Elbow</p>  <p>HWU-116</p>	<p>Male Tee</p>  <p>HWU-117</p>	<p>Male-Female Union</p>  <p>HWU-118</p>
<p>Female Union</p>  <p>HWU-119</p>	<p>Male Union</p>  <p>HWU-120</p>	<p>Tee</p>  <p>HWU-121</p>	<p>Reducing Tee</p>  <p>HWU-122</p>	<p>Reducer Union</p>  <p>HWU-123</p>	<p>Reducing Union</p>  <p>HWU-124</p>
<p>Flange</p>  <p>HWU-125</p>	<p>Cap</p>  <p>HWU-126</p>	<p>Coupling</p>  <p>HWU-127</p>	<p>Butt Weld 90° Elbow</p>  <p>HWU-128</p>	<p>90° Male Elbow</p>  <p>HWU-129</p>	<p>Nipple</p>  <p>HWU-130</p>
<p>Female Pipe Cross</p>  <p>HWU-131</p>	<p>Diverter Tee</p>  <p>HWU-132</p>	<p>Reducer</p>  <p>HWU-133</p>	<p>Male Y-Way</p>  <p>HWU-134</p>	<p>Female Y-Way</p>  <p>HWU-135</p>	<p>Y-Way Pipe</p>  <p>HWU-136</p>
<p>Pipe Reducer</p>  <p>HWU-137</p>	<p>Male to Male Hex Nipple</p>  <p>HWU-138</p>	<p>Steel pipe Adapter</p>  <p>HWU-139</p>	<p>Outlet</p>  <p>HWU-140</p>	<p>Flange Serrated Nut</p>  <p>HWU-141</p>	<p>Square Nut</p>  <p>HWU-142</p>
<p>U Bolt Clamp</p>  <p>HWU-143</p>	<p>Socket Head Bolt</p>  <p>HWU-144</p>	<p>Hex Head Bolt</p>  <p>HWU-145</p>	<p>T Head Bolt</p>  <p>HWU-146</p>	<p>Button Head Screw</p>  <p>HWU-147</p>	<p>Truss Head Screw</p>  <p>HWU-148</p>


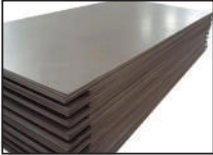


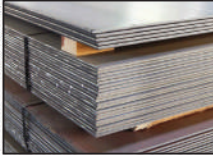
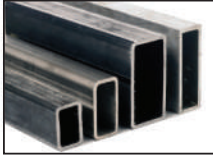
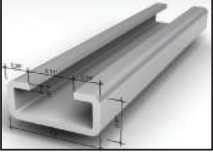


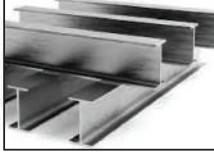

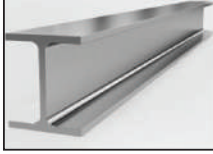


Sheet & Structural Steel Part, Lubricant & Chemical


Steam Utilities

M.S Pipe  HSU-101	M.S Fittings  HSU-102	Pneumatic Steam Valve  HSU-103	Mueller Steam Radiator Valve  HSU-104	Steam Valves Strainer  HSU-105	Pressure Reducing Valve  HSU-106
Steam Trap  HSU-107	Non Return Valve  HSU-108	Mill Complete Steam Valve  HSU-109	Pressure Relief Valve  HSU-110	Solenoid Steam Valve  HSU-111	Free Float Steam Trap  HSU-112

Sheet & Structural Steel Part

SS Sheet  HSSP-201	MS Sheet  HSSP-202	Checker Plate  HSSP-203	SS Box  HSSP-204	MS Plate  HSSP-205	Rectangular Steel Tube  HSSP-206
C Channel  HSSP-207	Square Steel Tube  HSSP-208	U Channel  HSSP-209	H Beam  HSSP-210	Angle Bar  HSSP-211	I Beam  HSSP-212

Lubricant & Chemical






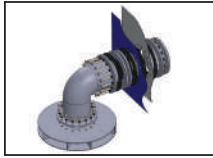



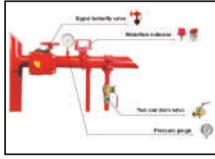








Hydraulic Oil  HLC-301	Engine Oil  HLC-302	Grease  HLC-303	Compressor Oil  HLC-304	High Temperature Grease  HLC-305	Fire Resistant Lubricating Grease  HLC-306
Admixture/Block Chemical  HLC-307	Boiler Chemical  HLC-308	Anti Scale Agent  HLC-309	Descaling  HLC-310	Heat Transfer Oil  HLC-311	Fixing agent textile  HLC-312

Utilities
01
Sheet & Structural Steel Part
02
Lubricant & Chemical
03
Measuring & Pneumatic
04
Fire Safety
05
Ventilation (NAC)
06
Smoke Management System
07
Renewable Energy
08
Audio Sound System
09
Electric Items
10
LPS
11

Measuring & Pneumatic Equipment

<p>Pressure Gauge</p>  <p>HMPE-401</p>	<p>Pressure Sensor</p>  <p>HMPE-402</p>	<p>Digital Pressure Gauge</p>  <p>HMPE-403</p>	<p>Flow Switch</p>  <p>HMPE-404</p>	<p>Process Transmitter</p>  <p>HMPE-405</p>	<p>Pressure Gauges with Output Signal</p>  <p>HMPE-406</p>
<p>Dial Thermometer</p>  <p>HMPE-407</p>	<p>Digital Indicator</p>  <p>HMPE-408</p>	<p>Temperature Switch</p>  <p>HMPE-409</p>	<p>Temperature Controller</p>  <p>HMPE-410</p>	<p>Thermometers with Switch Contact</p>  <p>HMPE-411</p>	<p>Air Flow Sensor</p>  <p>HMPE-412</p>
<p>Ultrasonic Flow Meter</p>  <p>HMPE-413</p>	<p>Magnetic Inductive Flow Meter</p>  <p>HMPE-414</p>	<p>Motor Ball Valve</p>  <p>HMPE-415</p>	<p>Pneumatic Control</p>  <p>HMPE-416</p>	<p>Pressure Sensor</p>  <p>HMPE-417</p>	<p>Process & Control Valve</p>  <p>HMPE-418</p>
<p>Solenoid Control Valves</p>  <p>HMPE-419</p>	<p>Solenoid Valves</p>  <p>HMPE-420</p>	<p>Photoelectric Sensor</p>  <p>HMPE-421</p>	<p>CO₂ Sensor</p>  <p>HMPE-422</p>	<p>PH Sensor</p>  <p>HMPE-423</p>	<p>Humidity Sensors</p>  <p>HMPE-424</p>

Fire Safety (UL Certified)

<p>Horizontal Split Case Pump</p>  <p>HFS-501</p>	<p>Certified Diesel Engine</p>  <p>HFS-502</p>	<p>UL Listed Fire Pump (Turbine)</p>  <p>HFS-503</p>	<p>Foot Valve</p>  <p>HFS-504</p>	<p>Fire Brigade Connection</p>  <p>HFS-505</p>	<p>Anti-Vortex Plate</p>  <p>HFS-506</p>
<p>Y-Strainer</p>  <p>HFS-507</p>	<p>OS & Y Gate Valve</p>  <p>HFS-508</p>	<p>Alarm Check Valve Assembly</p>  <p>HFS-509</p>	<p>Zone Control Valve</p>  <p>HFS-510</p>	<p>Pressure Relief Valve</p>  <p>HFS-511</p>	<p>Flow Meter</p>  <p>HFS-512</p>
<p>Flexible Joint</p>  <p>HFS-513</p>	<p>Non Return Valve</p>  <p>HFS-514</p>	<p>Ball Valve</p>  <p>HFS-515</p>	<p>Pressure Gauge</p>  <p>HFS-516</p>	<p>Temper Switch</p>  <p>HFS-517</p>	<p>Pressure Switch</p>  <p>HFS-518</p>



Fire Safety

Fire Safety (UL Certified)

Water Flow Switch



HFS-519

Auto Air Vent



HFS-520

Hose Cabinet Box



HFS-521

Fire Hose Rack Assembly



HFS-522

Landing Valve



HFS-523

Pillar Hydrant



HFS-524

Upright Sprinkler



HFS-525

Recessed Pendent Sprinkler



HFS-526

Horizontal Sidewall Sprinkler



HFS-527

Mechanical Tee Threaded Outlet



HFS-528

Standard Flexible Coupling for Grooved Type Joints



HFS-529

Elbow 90 deg. Grooved Type



HFS-530

Grooved Tee



HFS-531

Grooved Type Reducer



HFS-532

Fire Door



HFS-533

Door Closer



HFS-534

Panic Bar



HFS-535

Magnetic Door Holder



HFS-536

Door Hinges



HFS-537

Door Coordinator



HFS-538

Trim Lock



HFS-539

Fire Alarm Control Panel



HFS-540

Smoke Detector



HFS-541

Heat Detector



HFS-542

Multi Detector



HFS-543

Manual Call Point



HFS-544

Isolator Module



HFS-545

Input/ Output Module



HFS-546

Sounder/Horn



HFS-547

Sounder Cum Strobe



HFS-548

Reflective Beam Detector



HFS-549

Fire Proof Cable



HFS-550

Extinguisher



HFS-551

Fire Ball



HFS-552

Emergency light



HFS-553

Exit Sign



HFS-554

Fire and Smoke Damper



HFS-555

Rolling Shutter



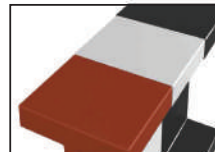
HFS-556

Intumescent Paint



HFS-557

Fire Resistive Paint



HFS-558

Fire Suppression System



HFS-559


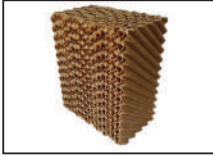




Foam Suppression System



HFS-560

Utilities
01
Sheet & Structural Steel Part
02
Lubricant & Chemical
03
Measuring & Pneumatic
04
Fire Safety
05
Ventilation (NAC)
06
Smoke Management System
07
Renewable Energy
08
Audio Sound System
09
Electric Items
10
LPS
11

Ventilation (Mechanical / Natural) & Insulation

Exhaust Fan  HVI-601	Cooling Pad  HVI-602	Blower  HVI-603	Rockwool-Insulation  HV-904	Gypsum Board  HV-904	Copper Insulation  HV-904
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Smoke Management System

Fire Rated Fans  HSMS-701	Smoke Vents  HSMS-702	Combination Fire & Smoke Dampers  HSMS-703	Motorized Smoke Dampers  HSMS-704	Centrifugal Fan  HSMS-705	GI Ducts  HSMS-706
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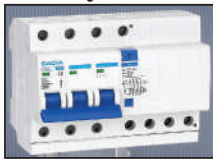





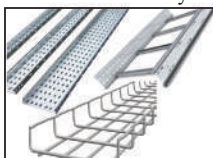
Renewable Energy

Solar Panel  HRE-801	Inverter  HRE-802	Battery  HRE-803	Offgrid power System  HRE-804	Solar Racking  HRE-805	Charge controller  HRE-806
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Audio Sound System

Microphone  HASS-901	Amplifier & Zone Controller  HASS-902	Speakers  HASS-903	Wireless Guide System  HASS-904	Megaphones  HASS-905	Wireless Microphone  HASS-905
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Electric Items

Magnetic Contactor  HES-1001	Molded Case Circuit Breaker  HES-1002	Automatic transfer switch  HES-1003	Overload Relays  HES-1004	Relays  HES-1005	Earth Leakage Circuit Breakers  HES-1006
ACB  HES-1007	Distribution Transformer  HES-1008	Single Phase Transforma  HES-1009	Main Distribution Board  HES-1010	Sub Distribution Board  HES-1011	Metal Cable Tray  HES-1012



LPS | Tools Equipments | Bearing








Lightning Protection Systems (LPS)

					
Copper Strip	Air Terminal Rod	Air Terminal Base	Copper strip shaddle	Joint Clamp	U bolt clamp
HLPS-11-01	HLPS-11-02	HLPS-11-03	HLPS-11-04	HLPS-11-05	HLPS-11-06

Tools Equipments & Bearing

					
Combo Kits	Hammer Drill	Saws	Grinders	Demolition Hammers	Mini Welding
HTE-12-01	HTE-12-02	HTE-12-03	HTE-12-04	HTE-12-05	HTE-12-06
					
Hand Tools	Plasma Cutter	Hand Held Circular Saw	Screwdriver Set	Jig Saw	Bearing
HTE-12-07	HTE-12-08	HTE-12-09	HTE-12-10	HTE-12-11	HTE-12-12

Turnkey Project

			
Boiler	Boiler	Chiller	
HTP-13-01	HTP-13-02	HTP-13-03	
			
Generator	Pumps	VRF	Industrial Air Compressor
HTP-13-04	HTP-13-05	HTP-13-06	HTP-13-07

Consultancy

- Green Building Design, LEED Certification
- MEP Design of Industrial & Commercial Building
- Fire Protection system design
- Hydromantic Calculation
- Environmental system
- Testing & Counseling
- Rain water Harvesting
- Efficient Energy Management



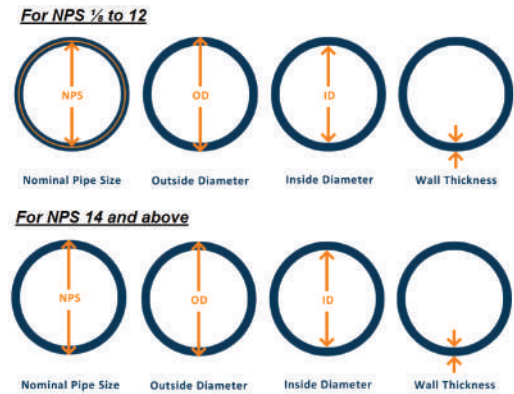
05 Fire Safety
06 Ventilation (VAC)
07 Smoke Management System
08 Renewable Energy
09 Audio Sound System
10 Electric Items
11 LPS
12 Tools & Equipment
13 Turnkey Project
14 Consultancy
15 Pipe Basic

What is Pipe Schedule?

A pipe schedule (SCH) is a measure of a steel pipe's nominal wall thickness.

Metric Rules-of-Thumb

- 1 mm = about 1/25 inch = thickness of a dime
- 25 mm = about 1 inch (1" = 25.4 mm)
- 300 mm = about 1 foot (12" = 304.8 mm)
- 1 m² = roughly 10 sq. ft. (1 m² = 10.76 sq. ft.)
- 1 L = about 1 quart (1 L = 1.06 qt.)
- 1 kg = about 2.2 pounds
- 1000 kg = 1 Mg = 1 metric ton = about 2200 lbs.



Nominal pipe size mm/ inch	OD mm	20	30	STD	40	60	XS	80	100	120	140	160	XXS	Shipping vol/CBM				
15 1/2	21.3			2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62				4.78 1.95	7.47 2.55	0.0004				
20 3/4	26.7			2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20				5.56 2.90	7.82 3.64	0.0007				
25 1	33.4			3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24				6.35 4.24	9.09 5.45	0.0011				
32 1 1/4	42.2			3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47				6.35 5.61	9.70 7.77	0.0017				
40 1 1/2	48.3			3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41				7.14 7.25	10.15 9.56	0.023				
50 2	60.3			3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48				8.74 11.11	11.07 13.44	0.036				
65 2 1/2	73.0			5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41				9.53 14.92	14.02 20.39	0.0053				
80 3	88.9			5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27				11.13 21.35	15.24 27.68	0.0079				
90 3 1/2	101.6			5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63				- -	- -	0.0103				
100 4	114.3			6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03	0.0130				
125 5	141.3			6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.70 40.28		15.88 49.11	19.05 57.43	0.0199				
150 6	168.3			7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56		14.27 54.20		18.26 67.56	21.95 79.22	0.028				
200 8	219.1	6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92	0.048				
250 10	273.1	6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	0.074				
300 12	323.9	6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	14.27 108.96	12.70 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	0.104				
350 14	355.6	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.71	12.70 107.39	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70		0.126				
400 16	406.4	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.30	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35		0.165				
450 18	457.2	7.92 87.71	11.13 122.38	9.53 105.16	14.27 155.80	19.05 205.74	12.70 139.15	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37		0.209				
500 20	508.0	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.70 155.12	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81		0.258				
550 22	558.8	9.53 129.13	12.70 171.09	9.53 129.13	-	22.23 294.25	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		0.312				
600 24	609.6	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.70 187.06	30.96 442.08	38.89 547.71	SI Units (Metric) OD = mm Wall thickness = mm Weight = kg/m (plain end mass)				0.372				
650 26	660.4	12.70 202.72	-	9.53 152.87	-	-	12.70 202.72											0.436
700 28	711.2	12.70 218.69	15.88 271.21	9.53 164.85	-	-	12.70 218.69											0.505

Pipe Schedules (according to ASME/ANSI B36.10M)



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