

MS PIPE 6MTR

Mild Steel Pipe · Black Mill Finish · ASME B36.10M · 6 Metre Length

MILD STEEL

BLACK FINISH

SIZE 1/2" TO 24"

LENGTH 6 M



FIG. 1 | MS PIPE 6MTR

PRODUCT OVERVIEW

MS Pipe 6MTR is black mild steel pipe for general process, utility and structural pipework. It is supplied in standard 6 metre mill lengths across a wide size range, which keeps the number of site joints down on long runs.

Dimensions follow ASME B36.10M, so the pipe mates directly with standard butt weld fittings, flanges and valves. Both seamless and electric resistance welded pipe can be supplied depending on size, schedule and duty. The table below is given for schedule 40, which is the common stock wall; other schedules are available against enquiry.

Product type	Mild steel pipe, black
Material	Mild steel, ASTM A53 / A106
Dimensional standard	ASME B36.10M
Size range	1/2" to 24" NPS
Length	6 m
Ends	Plain end, square cut

TECHNICAL SPECIFICATION

Dimensional standard	ASME B36.10M	Surface	Black, mill finish
Material standard	ASTM A53 / A106	OD tolerance	Per ASME B36.10M
Manufacturing process	Seamless or ERW	Wall tolerance	Minus 12.5% per ASME B36.10M
Schedule	SCH 40 stock, others on request	Testing	Hydrostatic or eddy current at mill
Standard length	6 m	Certification	EN 10204 3.1 on request
End finish	Plain end, bevel on request	Size range	1/2" to 24" NPS



CONSTRUCTION AND MATERIAL

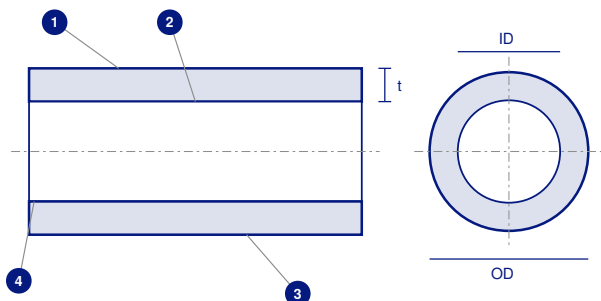


FIG. 2 | SECTIONAL ARRANGEMENT AND END VIEW

#	ITEM	DETAIL
1	Material	Mild steel, ASTM A53 / A106
2	Manufacture	Seamless or ERW
3	Dimensional standard	ASME B36.10M
4	Length	6 m standard mill length
5	Ends	Plain end, square cut, bevelled on request
6	Surface	Black, mill finish, light varnish on request
7	Marking	Size, schedule, heat number, standard
8	Certification	EN 10204 3.1 mill certificate on request

Schedule, process and end preparation are confirmed at order stage. Galvanising, painting and cut lengths can be arranged through our coating and machining services.

DIMENSIONS AND WEIGHTS

NPS	DN	OD (MM)	WALL T (MM)	ID (MM)	MASS (KG/M)	PER 6 M (KG)
1/2"	15	21.3	2.77	15.8	1.27	7.6
3/4"	20	26.7	2.87	21.0	1.69	10.1
1"	25	33.4	3.38	26.6	2.50	15.0
1.1/4"	32	42.2	3.56	35.1	3.39	20.4
1.1/2"	40	48.3	3.68	40.9	4.05	24.3
2"	50	60.3	3.91	52.5	5.44	32.6
2.1/2"	65	73.0	5.16	62.7	8.63	51.8
3"	80	88.9	5.49	77.9	11.29	67.8
4"	100	114.3	6.02	102.3	16.08	96.5
5"	125	141.3	6.55	128.2	21.77	130.6
6"	150	168.3	7.11	154.1	28.26	169.6
8"	200	219.1	8.18	202.7	42.55	255.3
10"	250	273.0	9.27	254.5	60.29	361.8
12"	300	323.8	10.31	303.2	79.71	478.2
14"	350	355.6	11.13	333.3	94.55	567.3
16"	400	406.4	12.70	381.0	123.31	739.8
18"	450	457.2	14.27	428.7	155.88	935.3
20"	500	508.0	15.09	477.8	183.43	1100.6
24"	600	610.0	17.48	575.0	255.43	1532.6

Outside diameters and wall thicknesses are the nominal values published in ASME B36.10M for schedule 40. Masses are calculated for plain end pipe from the nominal OD and wall using a density of 7 850 kg/m³. Size range confirmed from the product page. Other schedules are available, see the schedule specific data sheets.



ORDERING INFORMATION

FIELD	OPTIONS
Product description	MS Pipe 6MTR
Size	1/2" to 24" NPS
Schedule	SCH 40 standard. Others on request
Material	ASTM A53 or A106 as specified
Length	6 m standard. Cut lengths on request
Ends	Plain end standard. Bevelled on request
Order example	MS PIPE / 4" / SCH 40 / 6 M / PLAIN END

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.

COMPLIANCE AND QUALITY

- Dimensions to ASME B36.10M
- Material to ASTM A53 or ASTM A106 as specified
- Hydrostatic or eddy current tested at the mill
- EN 10204 3.1 mill test certificate on request
- Third party inspection can be arranged

HANDLING AND INSTALLATION

- Lift with slings, do not drag pipe over concrete or steel
- Cut square and remove all internal burr before welding
- Bevel to ASME B16.25 for butt welded joints
- Protect galvanising and coatings from weld spatter

TYPICAL APPLICATIONS

- Process and utility pipework
- Structural and support steelwork
- Firewater and cooling water mains
- Compressed air and steam distribution
- Oil and gas surface piping
- General fabrication

STORAGE

- Store clear of the ground on timber or steel supports at even spacing
- Keep stainless steel apart from carbon steel to avoid iron contamination
- Retain end caps and protectors until the pipe is installed
- Support the full length to prevent permanent bow in thin wall sizes

COMPANY

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Pipes and Tubes

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