

MS TUBE 6MTR

Mild Steel Tube · Specified by OD and Wall · 6 Metre Length

MILD STEEL

OD X WALL

METRIC AND IMPERIAL

LENGTH 6 M



FIG. 1 | MS TUBE 6MTR

PRODUCT OVERVIEW

MS Tube 6MTR is mild steel tube supplied to an outside diameter and wall thickness rather than to a nominal pipe size and schedule. Tube is made to closer diameter and wall tolerances than pipe, which is what compression fittings, bending machines and instrument work require.

Because tube is ordered by OD and wall, both figures have to be stated on the enquiry. The table below lists the outside diameters commonly held in metric and imperial series. Wall thickness is selected to suit the working pressure and the fitting being used.

Product type	Mild steel tube
Specified by	Outside diameter and wall thickness
Series	Metric and imperial
Length	6 m
Ends	Plain end, square cut
Surface	Black or bright, as available

TECHNICAL SPECIFICATION

Specified by	OD x wall thickness	OD tolerance	Closer than pipe, per tube standard
Series	Metric mm and imperial inch	Wall tolerance	Per tube standard
Manufacturing process	Seamless or welded	Bending	Suitable for cold bending
Standard length	6 m	Testing	Per the applicable tube standard
End finish	Plain end, square cut	Certification	EN 10204 3.1 on request
Surface	Black or bright	Wall thickness	To be specified at enquiry

CONSTRUCTION AND MATERIAL

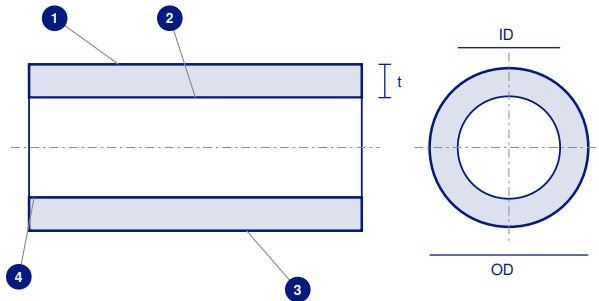


FIG. 2 | SECTIONAL ARRANGEMENT AND END VIEW

#	ITEM	DETAIL
1	Material	Mild steel
2	Manufacture	Seamless or welded tube
3	Specified by	OD and wall thickness
4	Length	6 m standard
5	Ends	Plain end, square cut
6	Surface	Black or bright
7	Marking	Size and heat number where applicable
8	Certification	EN 10204 3.1 on request

Tube is not interchangeable with pipe. A 1 inch tube has a 25.4 mm outside diameter, whereas 1 inch NPS pipe has a 33.4 mm outside diameter. Confirm which is required before ordering.

DIMENSIONS AND WEIGHTS

SIZE	OD (MM)	SERIES	WALL T (MM)	ID (MM)
6 mm	6.00	Metric	Specify	Specify
8 mm	8.00	Metric	Specify	Specify
10 mm	10.00	Metric	Specify	Specify
12 mm	12.00	Metric	Specify	Specify
16 mm	16.00	Metric	Specify	Specify
18 mm	18.00	Metric	Specify	Specify
20 mm	20.00	Metric	Specify	Specify
22 mm	22.00	Metric	Specify	Specify
25 mm	25.00	Metric	Specify	Specify
1/8"	3.18	Imperial	Specify	Specify
1/4"	6.35	Imperial	Specify	Specify
3/8"	9.53	Imperial	Specify	Specify
1/2"	12.70	Imperial	Specify	Specify
3/4"	19.05	Imperial	Specify	Specify
1"	25.40	Imperial	Specify	Specify
1.1/4"	31.75	Imperial	Specify	Specify
1.1/2"	38.10	Imperial	Specify	Specify
2"	50.80	Imperial	Specify	Specify

Outside diameters shown are the metric and imperial series commonly stocked. Wall thickness is not fixed by the size and must be stated on the enquiry, so it is shown as Specify. The product page does not list a size selector, so this range is the general commercially available range and should be confirmed at enquiry.



ORDERING INFORMATION

FIELD	OPTIONS
Product description	MS Tube 6MTR
Outside diameter	State in mm or inch
Wall thickness	State in mm or inch, required
Length	6 m standard. Cut lengths on request
Ends	Plain end, square cut
Certification	EN 10204 3.1 on request
Order example	MS TUBE / 12 MM OD / 1.5 MM WALL / 6 M

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

- Supplied to the applicable tube standard for the grade ordered
- Closer OD and wall tolerances than pipe
- Suitable for compression and bite type fittings
- EN 10204 3.1 mill test certificate on request
- Third party inspection can be arranged

HANDLING AND INSTALLATION

- Cut square with a tube cutter and deburr inside and out
- Do not over tighten compression nuts, follow the fitting maker's turns
- Support long runs to avoid vibration fatigue at the fittings
- Bend with a former of the correct radius to avoid ovality

TYPICAL APPLICATIONS

- Hydraulic and pneumatic lines
- Instrument and impulse lines
- Heat exchanger and boiler tubing
- Mechanical and structural use
- Fuel and lubrication circuits
- 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

Sunel Wala Building Materials
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SALES ENQUIRIES

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Pipes and Tubes

The information in this data sheet is provided in good faith and is believed to be accurate at the date of issue. Dimensions, weights and ratings are nominal and may vary with the manufacturer and production batch. It remains the responsibility of the purchaser to confirm that the product is suitable for the intended service conditions. Sunel Wala Building Materials Trading Co. LLC reserves the right to amend specifications without prior notice. This document does not form part of any contract of sale.