



# MANGALAM®

WATER STORAGE TANK

AN ISO 9001:2015

CERTIFIED COMPANY



- WATER STORAGE TANK
- uPVC PIPES
- HDPE PIPES
- SWR PIPES
- SOLAR WATER HEATER



[www.mangalamtank.com](http://www.mangalamtank.com)

Toll Free : 1800-345-7460

## ABOUT US

Established in the year 1999, Mangalam Water Tank, Rourkela is a top player in the category. This Well-Known establishment acts as a one-stop destination servicing customers both local and other parts of Odisha. Over the course of its journey, this business has established a firm foothold in its industry. The belief that customer satisfaction is as important as their products and services, Have helped this establishment garner a vast base Of customers, which continues to grow by the day. This business employs individuals that are dedicated towards their respective roles and put in a lot of effort to achieve the common vision and larger goals of the company. In the near future , this business aims to expand its line of products and services and cater to a large client base. In Rourkela, this establishment occupies a prominent location. It is an effortless task in commuting to this establishment as there are various modes of transport readily available. It is known to provide top service in the following categories : ,Water tank manufacturers, HDPE PIPE Wholesalers, Watertank wholesalers ,water tank distributors ,water storage tank dealers .Dustbin dealers in the periphery of Odisha "jagannath bhumi".

**Mohit Udyog** is a proprietorship firm established in year 1999. The firm deals in manufacturing of mangalam water tank PVC plumbing pipes and conduit pipe .

**MANGALAM** a pioneer in introducing the new concept in water storage tank. We manufacture LLDPE Tanks has excellent storage capacity and are very safe & cost effective . This tank are leak proof and are resistant to corrosion and chemicals.

**Four Layer Foam** : The unique LLDPE tanks has an aesthetically superior finish which matches beautifully to the elevation of any place where it is kept.

**Five Layer Foam** : This is our new product in this segment .It keeps water cool-cool in hot summer and pleasantly normal water in cold winter .Moreover, the unique LLDPE tank has an.



### Dimension of ISI Marked Tanks :

Capacity Ltr.	Diameter Range	Height Range	Manhole	Minimum Wall & Bottom Thickness	Minimum Weight of Tank without LID
200	650-850	490-690	265	3.0	7.8
300	650-850	700-900	265	3.0	9.0
400	700-980	700-950	265	3.5	15.0
500	800-1140	625-1025	370	4.0	18.0
700	900-1140	800-1100	370	4.4	23.0
1000	1000-1200	1050-1350	370	4.5	33.0
1500	1080-1450	1150-1590	370	4.5	47.0
1700	1300-1500	1260-1650	370	4.5	54.0
2000	1365-1500	1400-1700	450	5.4	64.0
2500	1380-1610	1400-1810	450	7.7	81.0
3000	1410-1800	1640-3150	450	8.1	96.0
4000	1450-1920	1750-2400	450	10.4	147.0
5000	1800-2110	1800-2100	450	10.7	180.0
6000	1800-2200	2065-2800	450	10.7	205.0
7500	1890-2250	2100-2930	450	10.7	239.0



# MORE RIBS MORE STRENGTH

## MULTI LAYER / COLOUR TANKS ALSO AVAILABLE

**A WONDERFUL MOULDED POLYETHYLENE WATER STORAGE TANKS (AS PER IS - 12701)**

### 1. LIGHT WEIGHT

MANGALAM Tanks are extremely light in weight and therefore it is easy to shift Tank from one location to another.

### 2. UNBREAKABLE AND WEATHER PROOF

MANGALAM Tanks are made from Polyethylene and Theoretically have got infinite impact strength, therefore they are almost unbreakable. They are made from UV Stabilized grades of Polyethylene and therefore Weather Proof.

### 3. LOW COST AND DURABLE

MANGALAM Tanks have got number of advantages. it costs less than M.S. Tanks almost same as RCC. Tanks are expected to give about three times the life of M.S. and around two times the life of RCC Tanks.

### 4. INSULATING

As Polyethylene is a bad conductor of heat it keeps the water hot or cold for longer time than the Mild steel and RCC Tanks.

### 5. HYGIENIC

Non-Toxic and Non-Absorbent and FDA approved grades of Polyethylene material is used and hence Mangalam Tanks does not impart any taste or odour. Its smooth walled inner surface and so it is easy to clean and does not Promote Growth of Bacteria. This makes it deal for Water Storage.

### 6. EASY TO MAINTAIN

And Non-Corroding MANGALAM Tanks does not need painting or Anti-Corrosive treatment it is Resistant to Ultraviolet Radiation of Sunlight and can be safely installed out-door.

### 7. LEAK PROOF

Because of its Homogenous structure MANGALAM Tanks is completely Leak Proof thus minimising losses due to shut down.

### 8. HIGH IMPACT STRENGTH

Because MANGALAM Tanks is manufactured under Rotational Moulding process and they are Moulded in single piece without any seams, joints or welds.

### 9. TESTING

Fully Equipped Testing laboratory is there to Test Tank for Quality & Durability.

### 10. CUSTOM BUILT

MANGALAM Tanks is Custom-built for you in wide Range of Sizes upto a Storage capacity of 10,000 Liters.

### 11. WARRANTEE

7 Years Warrantee against manufacturing defects for water Storage Tank only. If Proper Installation is done & is only for Black Tanks with terms & condition applied.

MANGALAM				
VERTICAL CYLINDRICAL TANKS WITH TOP COVER				
Code No.	Capacity Ltr.	Dimensions (MM)		
		Diameter	Height	Man-Hole
MA-20	200	700	610	280
MA-30	300	750	800	280
MA-40	400	795	925	280
MA-50	500	910	910	400
MA-75	750	1010	1080	400
MA-100	1000	1100	1235	400
MA-150	1500	1250	1350	400
MA-200	2000	1400	1520	470
MA-300	3000	1560	1740	470
MA-500	5000	1900	1950	470
MA-750	7500	2280	2030	470
MA-1000	10000	2280	2650	470

### 3/4 LAYER WITH FOAM INSULATION



## FEATURES

- RESISTANT TO FUNGUS AND BACTERIAL GROWTH
- HYGIENIC • VERSATILE • EASY TO INSTALL
- STRONG & DURABLE • MAINTENANCE-FREE

*"A way to Safe and Pure Water Storage"*

## FEATURES

RESISTANT TO FUNGUS AND BACTERIAL GROWTH.  
HYGIENIC VERSATILE EASY TO INSTALL  
STRONG & DURABLE MAINTENANCE-FREE

Code No.	Capacity Ltr.	Dimensions (MM)			
		Length	Breadth	Height	Man-Hole
MALT-20	200	960	780	345	280
MALT-30	300	1120	900	375	280
MALT-50	500	1400	990	420	280

## LOFT TANKS



## DUSTBIN



## uPVC Plumbing pipes & Fittings

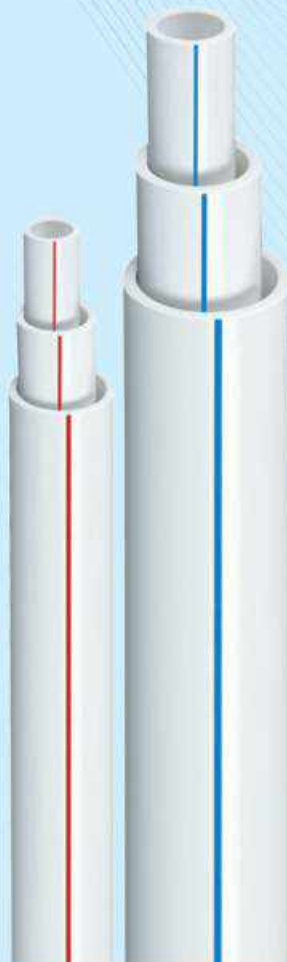
As per ASTM D 1785 Schedule 40, 80 and 120 (Pipes) & ASTM D 2467 Schedule 80 (Fittings).

MANGALAM plumbing pipes are long lasting, maintenance free and have ease of application. MANGALAM plumbing pipes are widely used for transportation and distribution of portable water. It is technically superior, cost effective and ensures uninterrupted flow of water from overhead/underground tanks to toilet block, kitchen sinks or any other utility.

Available in ½ inch to 2 inch in pipes and ½ inch to 2 inch in fittings.

MANGALAM plumbing pipes are available in 3 mtr and 6 mtr length with or without thread in blue and white colors.

Various fabricated fittings such as Nipple, Reducing socket, Couple, FTA and MTA are also available. Smoother inner surface which reduces friction, resulting in better flow of water. Hygienic & provides safe drinking water. Long-lasting, free from weakness caused by scale formation, rusting water and chemical actions.



Inside Diameter (Nominal bore)		Outside Diameter	Schedule 40	Schedule 80	Length
inch	mm	mm	Wall Thick (mm)	Wall Thick (mm)	Meters
1/2"	15	21.2	2.8	3.7	3 & 6
3/4"	20	26.6	2.9	3.9	3 & 6
1"	25	33.3	3.4	4.5	3 & 6
1-1/4"	32	42.0	3.6	4.9	3 & 6
1-1/2"	40	48.1	3.7	5.1	3 & 6
2"	50	60.2	3.9	5.5	3 & 6

## uPVC Pressure Pipes (Agricultural Pipes)

As per IS 4985

MANGALAM Pressure pipes find their application in water supply to deliver water for irrigation. It can also be used in drainage & sewage lines. It is available in three meter and six meter length. MANGALAM pressure pipes are widely being used for long water supply lines to deliver water to agricultural fields.



Outside Diameter	Class 1 2.5Kg/cm <sup>2</sup>	Class 2 4.0Kg/cm <sup>2</sup>	Class 3 6.0Kg/cm <sup>2</sup>	Class 4 8.0Kg/cm <sup>2</sup>	Class 5 10.0Kg/cm <sup>2</sup>	Class 6 12.5Kg/cm <sup>2</sup>
in mm	Walk Thick (mm)	Walk Thick (mm)	Walk Thick (mm)	Walk Thick (mm)	Walk Thick (mm)	Walk Thick (mm)
20	–	–	–	–	1.1	1.4
25	–	–	–	–	1.4	1.7
32	–	–	–	–	1.8	2.2
40	–	–	1.4	1.8	2.2	2.8
50	–	–	1.7	2.3	2.8	3.4
63	–	1.5	2.2	2.8	3.5	4.3
75	–	1.8	2.6	3.4	4.2	5.1
90	1.3	2.1	3.1	4.0	5.0	6.1
110	1.6	2.5	3.7	4.9	6.1	7.5



## uPVC SWR Pipes & Fittings

As per IS 13592 (Pipes)

MANGALAM introduces a unique range of SWR pipes & fittings manufactured from world class UV stabilized PVC compound for trouble free performance. This special compound protects the SWR from deterioration due to photochemical reaction of UV radiation when exposed of sunlight.

MANGALAM SWR pipes and fittings have been designed for efficient collection and transportation of sewage generated in a building until disposed to the nearest sewer.

Available in 63 mm, 75 mm & 110 mm

Nominal Outside Diameter	Mean Outside Diameter		Outside Diameter any point		Wall Thickness Type A		Wall Thickness Type B	
	Min (mm)	Max (mm)	Min (mm)	Max (mm)	Min (mm)	Max (mm)	Min (mm)	Max (mm)
63	63.0	63.1	62.1	62.9	1.2	1.5	1.5	1.8
75	75.0	75.3	74.1	75.9	1.8	2.2	3.2	3.8
110	110.0	110.4	108.6	111.4	2.2	2.7	3.2	3.8

## uPVC Electrical Pipe (Conduit Pipe)

MANGALAM Rigid PVC Pipes are manufactured with the latest German Technology. Compared to Conventional G.I./C.I. Pipes, Mangalam PVC pipes have certain benefits which are started below Non-corrosive and immune to galvanic or electrolyte erosion. Low thermal conductivity, maintains uniform temperature in transporting fluids. Compared to metals, it is much lighter in weight, therefore easy to install and the cost of installation is also very less. Fire resistant/self extinguishing.



		SCHEDULE MEDIUM	SCHEDULE HEAVY
Inside Dia in inches	Outside Dia in inches	Wall Thickness in mm	Wall Thickness in mm
1/2"	19 mm	1.3 mm	3.2 mm
3/4"	20 mm	1.3 mm	3.4 mm
1"	25 mm	1.5 mm	4.0 mm
1.1/4"	32 mm	1.7 mm	4.2 mm
1.1/2"	40 mm	2.1 mm	4.4 mm
2"	50 mm	2.5 mm	4.7 mm

## HDPE Pipes for Water Transportation

MANGALAM HDPE pipes are manufactured from virgin pipe grade raw materials (PE 63, PE 80 & PE 100). These pipes have Superior hydrostatic strength and durability for long life and are abrasion resistant, Corrosion & chemical resistant and Inert to most acidic & alkaline solutions. These pipes have Smooth inside wall that minimizes frictional losses.

MANGALAM HDPE pipes are Non-toxic, safe for portable water and do not support microbial growth, It is widely used for irrigation, water rising mains, Portable water supply, House service connections etc.

Nominal Size	Outside Diameter		Inner Diameter		Wall Thickness	
	Min (mm)	Max (mm)	Min (mm)	Max (mm)	Min (mm)	Max (mm)
1/2"	20	± 2%	16.4	± 2%	1.6	± 2%
3/4"	25	± 2%	21.4	± 2%	1.8	± 2%
1"	32	± 2%	27.8	± 2%	2.1	± 2%
1.1/4"	40	± 2%	35.2	± 2%	2.4	± 2%
1.1/2"	50	± 2%	44.2	± 2%	2.9	± 2%
2"	63	± 2%	55.6	± 2%	3.7	± 2%



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Safety for every Home



Toll Free : 1800-345-7460

## STAINLESS STEEL Kitchen Sink



Size	Quality	Weight in kgs. (Approx)
12 X 12	Medium	1.2
12 X 15	Medium	1.4
14 X 16	Medium	1.7
16 X 18	Light	2.3
16 X 18	Medium	2.6
16 X 18	Heavy	3.0
20 X 17	Medium	2.5
20 X 17	Heavy	3.5
22 X 18	Medium	3.5
24 X 18	Light	3.3
24 X 18	Medium	3.6
24 X 18	Heavy	4.2
24 X 18	SQ/Heavy	4.5
24 X 18	Hand Made	7.7
37 X 18	S/B	4.2
37 X 18	D/B	5.6

- Foodsafe Material
- Easy To Clean
- Clean & Hygienic
- Large Workplace

WE HAVE MORE DESIGN OF SINKS

SINK WITH SINGLE PACKING Rs. 30/- EXTRA

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CERTIFIED COMPANY

ECO Friendly Water Storage tank

## MOHIT UDYOG

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### IMPORTANT

Always Provide Full Bottom Support

Dealer :