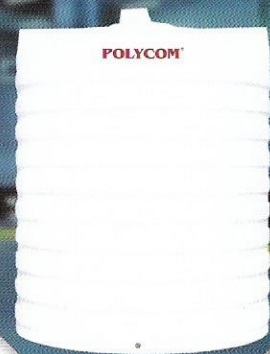
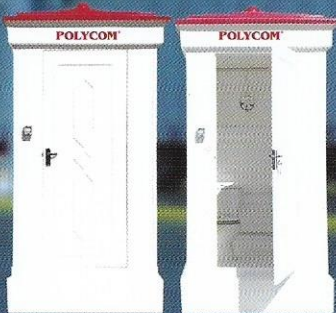
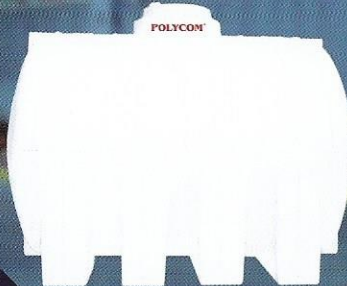




# POLYCOM<sup>®</sup>



[info@polycomplasticinds.com](mailto:info@polycomplasticinds.com)



An ISO 9001 : 2015 Certified Company



# ABOUT US

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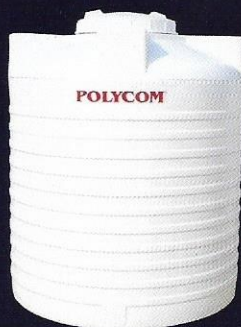
Since 2002, **POLYCOM PLASTIC INDUSTRIES** has set its own position in the market as one of the leading manufacturer of Polyethylene water tank, Road Barrier, GRP water tank and other GRP products with ISO 9001 certified in U.A.E. With over two decade experience in the water tank manufacturing industry, we specialize in providing our customers with a high quality product.

**POLYCOM PLASTIC INDUSTRIES** are equipped with modern technology by well experienced Technicians and Designers to provide that meet customer requirement. Quality of service and the commitment of the directors and staff have ensured that our customer retention rate is high among the tank manufacturing industry.

**POLYCOM PLASTIC INDUSTRIES** has number of customers, dealers and traders throughout U.A.E. We also had many opportunities to supply in Government projects We have pleasure to state our commitment to make long term customer confidence and satisfaction with our products, prompt delivery and service.

## OUR PRODUCTS

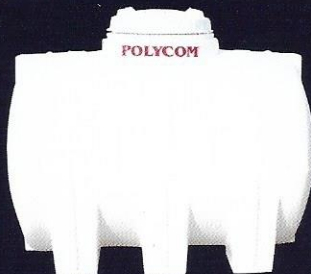
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VERTICAL TANK



GRP VERTICAL TANK



HORIZONTAL TANK



GRP HORIZONTAL TANK



# ROAD BARRIER

Plastic road barrier made from high quality plastic, UV-resistance, water fillable, easily move and set.

**Size: 2000 mm L x 470 mm W x 810 mm H**

## USAGE:

Guiding barriers for the identification of danger zones and areas marked by a clear and visible barrier. The accident risk is limited considerably.

Produced from high quality polyethylene. UV, Crack, Impact and Stretch Resistant. PE is an environmentally material.

Due to its flexibility and user friendly concept, road barrier offers many different application;

Road and Lane dividing on highway

Safety signaling of construction areas

Guiding of Traffic

Airports

Area marking on parking lots or parking houses

Sports Events

Entrance and Exit of exhibition grounds



**METHOD OF USAGE:** Can be filled with water as ballast, for more stability.

The low weight of empty components allows a fast and simple assembly and disassembly.

## FEATURES

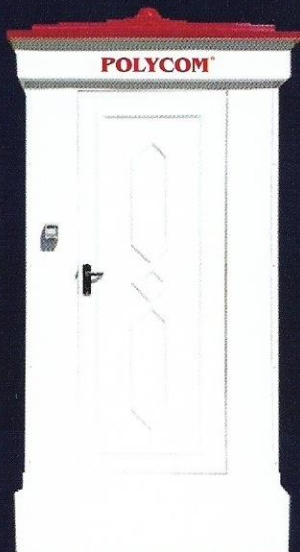
Outstanding Visibility

Mobility And Compact Loading

Colour - Red And White Various Applications

Uv And Weather Resistant

# GRP TOILET



## SPECIFICATION OF GRP TOILET

ORIGIN : U.A.E

DESCRIPTION : Single Cabin GRP Portable Toilet

Size : 125 x 125 x 285 cm.H

Material : GRP (Glass Reinforced Plastic)

### Included

- 1 Western WC (With flush Tank & Seat cover)
- 1 Washbasin
- 1 Exhaust Fan
- 1 Fluorescent Tube Light
- 1 Water Tap 1 Shattaf
- 1 Water Control Valve
- 1 Air Vent Pipe
- 1 Waterproof Switch
- 4" Outlet Provision for drain out
- Floor Drain net
- 1 Electric Connection Box

Water Tank : Inbuilt GRP Water Tank 420 Ltr. on Top

Sewage Tank : Inbuilt GRP Sewage Tank 540 Ltr for Waste Storage on Bottom

Colour : White & Red Colour

Finishing : Outside Smooth & Inside Mat Finishing

Floor Finishing: Checker Plate Design Floor

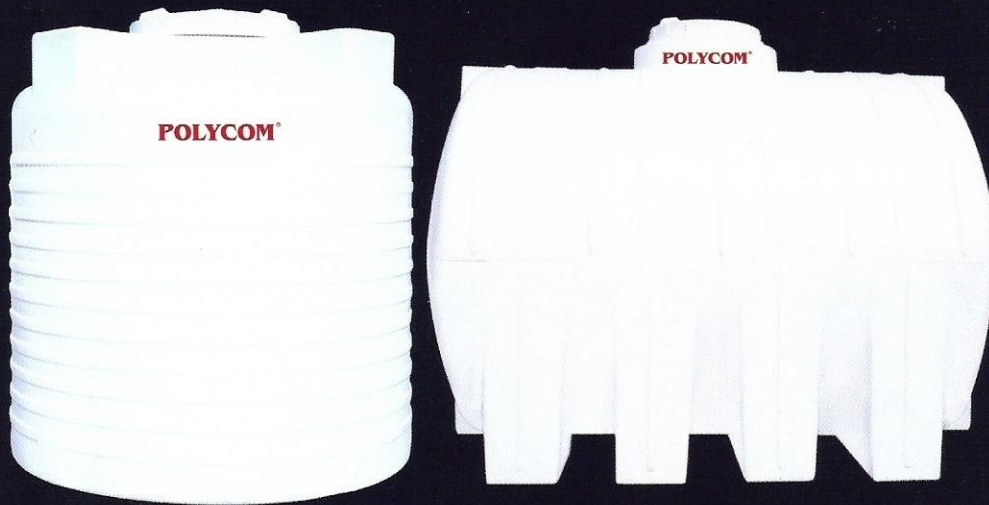
Finishing (Solid)

Door : GRP Door with Latch Lock & Piano Hinges

**RAW MATERIALS:** GP Resin Gelcoat, Fibre Mat, Surface Mat, Catalyst, Cobalt and Promoters.



# POLYETHYLENE WATER TANK



## SALIENT FEATURES OF POLYCOM WATER TANK

- It comes out from our in-house design facilities, which gives us the flexibility to design a most suitable storage tank for this region's climates and needs.
- It is manufactured from 100 % FDA approved materials and will not impart any taste or residue, meeting the requirements for safe storage of drinking water.
- Our tanks UV stabilized and will not breakdown under the harsh outdoor weather condition. The black opaque colour helps to prevent water borne algae growth.
- It can be used for the storage of drinking water, agriculture irrigation, fire protection, water treatment and other water related uses.
- The tanks are manufactured by Rotational Moulding Process, which produces one-piece, seamless, watertight tank.
- Our tanks are clean, leak proof and having inside and outside smooth finishing
- It will not chip, rust, peel or corrode.
- It can be place on any flat, firm, level surface for simple installation.
- It is easy to carry to any distance and height.
- Extra fittings can be easily added and allow for the installation of additional accessories and system components.
- These tanks are maintenance free if it is installed properly
- The threaded manhole covers protects the contents from outside dust and impurities

## AVAILABLE IN DIFFERENT MODELS AND CAPACITIES.

- a) Vertical Cylindrical Type (200 to 5000 US Gallon)
- b) Horizontal Cylindrical Type (300, 400, 500, 800 & 1000 US Gallons Capacity)
- c) Polyolefinic insulated tanks up to 5000 US Gallon



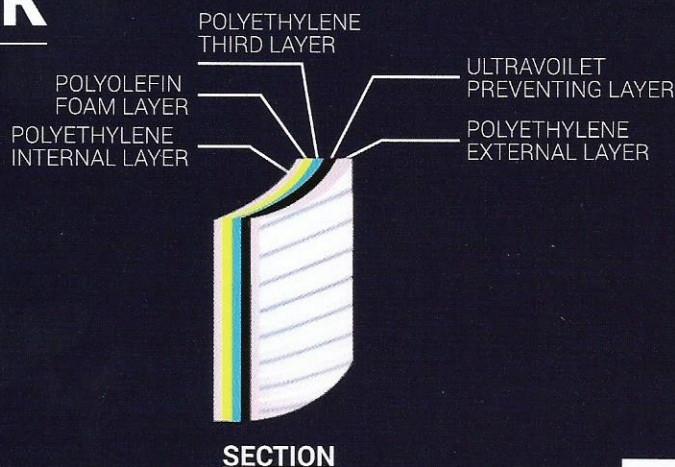
## INSTALLATION AS PER THE INSTRUCTIONS GIVEN BELOW

- a) Improper handling and installation can result in damage the tank
- b) Support the bottom of tank firmly and completely. Concretes smooth surface provide the best foundation.
- c) Plastic male threaded sockets are designed to be hand tightened. Over tightening can causes fitting to leak.
- d) Do not mount heavy equipment on top of the tank.
- e) Do not allow any weight on tank fittings, must be supported pipes and valves
- f) The air vent should be open always to evacuate volume of air for easy water filling or discharge.
- g) Protect tanks from impact, especially at temperature below 50 degree C
- h) If the tank is installed any carried improper we never take any responsibility.

### Specifications of materials used

Physical Properties	Unit	Testing Method	
DENSITY	g/cm <sup>3</sup>	ASTM D 1605	0.938
TENSILE STRENGTH AT YIELD	Kg/cm <sup>2</sup>	ASTM D 638	200
TENSILE STRENGTH AT BREAK			
ELONGATION AT BREAK	%	ASTM D 638	1000
IZOD IMPACT STRENGTH	Kg. Cm/cm	ASTM D 256	13
FLEXURAL MODULUS	Kg/cm <sup>2</sup>	ASTM D 790	6700
HARDNESS SHORD	-	ASTM D 2240	60
ENVIRONMENTAL STRESS CRACKING RESISTANCE	F50.hr	ASTM D 1693	200
MELTING POINT	OC	ASTM D 2117	128
MELT FLOW RATE	g/10min	ASTM D 1238	4.0
VICAL SOFTNING POINT	OC	ASTM D 1525	117
AVERAGE PARTICLE SIZE	Micron	OC.T.049	400
HEALTH CLASSIFICATION	0	NFPA	0
REACTIVITY CLASSIFICATION	0	NFPA	0

## INSULATED TANK





# VERTICAL TANK



VERTICAL TANK DIMENSIONS					
Code No	U S Gallon	Dia	H - 1	Total Hight	Threaded Manhole
PS - 2	200	1050	1000	1160	420
PS - 3	300	1150	1160	1350	420
PS - 4	400	1305	1350	1525	420
PS - 5	500	1325	1490	1690	420
PS - 6	600	1470	1350	1650	420
PS - 8A	800	1500	1810	2070	420
PS - 8	800	1660	1380	1760	420
PS - 10A	1000	1635	1830	2080	420
PS - 10	1000	1880	1320	1680	420
PS - 12	1200	1930	1555	1935	420
PS - 15	1500	2020	2105	2405	420
PS - 20	2000	2120	2120	2520	420
PS - 30	3000	2400	2500	3000	420
PS - 40	4000	2600	2880	3280	420
PS - 50	5000	2800	2880	3250	420

# HORIZONTAL TANK



HORIZONTAL TANK DIMENSIONS				
Code No	U S Gallon	Dia	Length	Threaded Manhole
PH - 3	300	1040	1550	420
PH - 4	400	1155	1700	420
PH - 5	500	1240	1840	420
PH - 8	800	1440	2180	420
PH - 10	1000	1575	2270	420

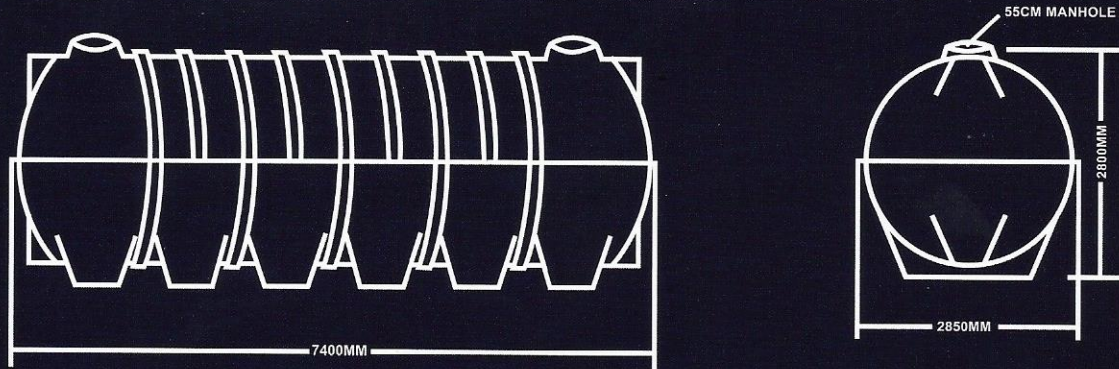
TOLERANCE  $\pm 0.5\%$   
 "All dimensions are in mm"

# GRP WATER TANK





# G R P WATER TANK CAPACITY 10000 US GALLON



## SPECIFICATION CYLINDRICAL HORIZONTAL G R P TANK

**INTRODUCTION** Our G.R.P. Tanks are manufactured with the experienced hands and will meet all our tanks requirements. We make tanks for different purposes like the storage of Drinking water, sewage water, oil chemical etc.

**SHAPE** Attractive Cylindrical Horizontal shape, specially designed to suit the capacity and long life

**SURFACE** Smooth and shining Isophthalic white Gelcoat finishing for inner surface and waxed gel coat coating for external surface in white colour.

**ANTIFUNGUS LAYER** A middle layer is provided with advised chemical to prevent fungus and Ultra violet Rays.

**JOINTS** All the joints are done by G.I Nut Bolts covered with GRP Gel coat

**STRUCTURE** 1 mm. Thick white gel coat Interior Layer finishing. A surface Mat is provided to protect inner coating. Adequate layers of fibre mat and woven roving layers will be applied according to the capacity of the tank using required Resin and chemicals to suit the usage of tank. The middle layer will be for Anti Fungus Treatment. The over coat will be given with waxed white coating to get a clear look.

**EXTRA FITTINGS** Inlet, Outlet, Drain and over flow connection with PVC Heavy Duty pipe will be provided free of cost on request.

If You Connecting Outlet with Heavy Valves and fittings the overweight will be effected to the tank. So you should be take Precautions for this overweight not to be effecting the tank. Keep suitable support and make sure the connections are not hanged.

**ERECTION** The Tanks should be seated in a Flat smooth Concrete surface and in proper level so that only the total load will be equally distributed on each leg.

### DIMENSIONS (APPRO.) GRP Cylindrical Horizontal Water Tanks

SL. No.	CAPACITY U.S. GALLON	LENGTH C.M	WIDTH C.M	HEIGHT C.M	NO. OF LEGS
1	250	135	112	112	2
2	300	154	110	110	2
3	400	180	130	120	2
4	500	195	135	142	2
5	600	203	135	145	2
6	800	207	152	163	2
7	1,000	227	160	175	2
8	1,200	245	170	185	2
9	1,500	285	180	175	3
10	2,000	277	225	235	2
11	2,500	295	230	235	2
12	3,000	380	225	235	3
13	4,000	485	225	235	4
14	5,000	586	225	235	5
15	6,000	575	250	258	6
16	10,000	740	285	280	6
17	15,000	1050	290	280	9
18	5,000 Vertical Model		284 cm (dia)	342	
19	10,000 Vertical Model		300 cm (dia)	570	
20	30,000 Vertical Model		700 cm (dia)	345	

**TOLERANCE ± 1%**





# POLYCOM PLASTIC INDUSTRIES L.L.C

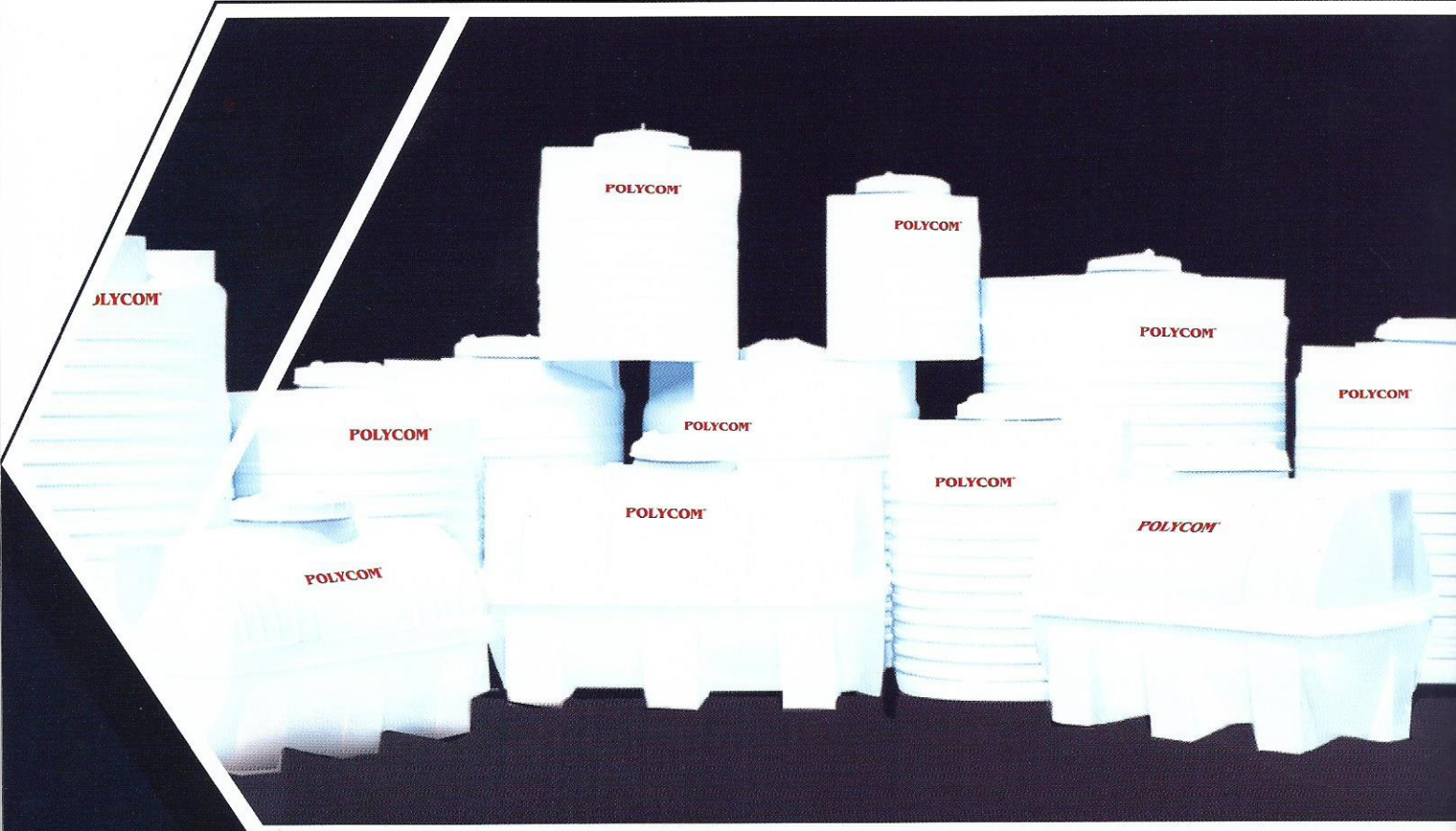
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TANK INSTALLATION PROCEDURE		كيفية تركيب الخزانات	
DO'S صح		DONT'S خطأ	
<p>خزانة الالهقية VERTICAL TANK</p> <p>FULL RIGID BOTTOM SUPPORT</p>	<p>خزانة العمومية HORIZONTAL TANK</p> <p>قوة واكتمال الحامل الاسفل</p>	<p>خزانة الالهقية VERTICAL TANK</p> <p>NO PART SUPPORTS</p>	<p>خزانة العمومية HORIZONTAL TANK</p> <p>حامل مقطوع</p>
<p>خزانة الالهقية VERTICAL TANK</p> <p>SMOOTH SURFACE</p>	<p>خزانة العمومية HORIZONTAL TANK</p> <p>سلاسة السطح</p>	<p>خزانة الالهقية VERTICAL TANK</p> <p>ROUGH SURFACE</p>	<p>خزانة العمومية HORIZONTAL TANK</p> <p>سطح غير مستوي</p>
<p>خزانة الالهقية VERTICAL TANK</p> <p>LEVEL SURFACE</p>	<p>خزانة العمومية HORIZONTAL TANK</p> <p>مستوي السطح</p>	<p>خزانة الالهقية VERTICAL TANK</p> <p>سطح مائل</p>	<p>خزانة العمومية HORIZONTAL TANK</p> <p>سطح مائل</p>

Customer Care Number: +971 50 396 6300