



A REVOLUTION IN
WATER STORAGE
TECHNOLOGY



For the
First Time
in **UAE**



ANTI-MICROBIAL

POLY EMIRATES

WATER STORAGE TANKS

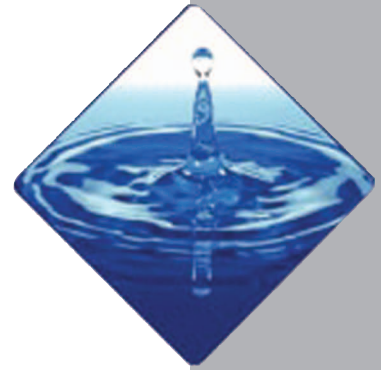
Better

Design.
Build.
Value.

Poly Emirates Water storage tanks are made from high quality **Linear Polyethylene** which has superior mechanical properties, high stiffness excellent for temperature impact strength and excellent environmental stress crack resistance.

The formulation of Sanitized MB E-97-65 does not contain components which, with the present state of knowledge, lead to a health hazard at intended or foreseeable application.

Plastic articles intended to come into contact with foodstuffs are regulated in the European Union by Directive 90/128/EEC and its amendments. We confirm the Sanitized. MB E 97-65 is in compliance with the directive 90/128/EEC.



TANK SPECIFICATION



ANTI-MICROBIAL

New

P**POLY EMIRATES**
WATER STORAGE TANKS
ARE THE MOST COST
EFFECTIVE WAY TO
STORE DRINKING WATER
FOR RESIDENTIAL AND
COMMERCIAL
INSTALLATION

Poly Emirates Tanks are treated with ANTI-BACTERIAL PROTECTION provided by the **SANITIZED® AG. SWITZERLAND** additives. This unique treatment promises to keep the tank cleaner and more hygienic in today's fast – paced life cycle.

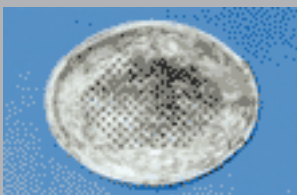
The ANTI – BACTERIAL protection provided by the SANITIZED ADDITIVE has been in the laboratories of **SANITIZED® AG. SWITZERLAND** according to international standard. The test result supports us in documenting the quality and effectiveness of the MICROBIAL finish of Poly Emirates Water Storage Systems.

Poly Emirates Tanks are UV stabilized for outdoor use and will not breakdown under harsh outdoor weather condition and will not rust, chip or corrode. Inner Black color layer prevents water borne algae growth. To ensure the highest quality all Poly Emirates Tanks have been manufactured according to ASTM D1998–93 Standards and meet or exceed customer expectations.

Poly Emirates Tanks are made from Linear Low Density Polyethylene (LLDPE) with 100% virgin resin meets specifications contained in FDA Regulation.

Poly Emirates Tanks gives your tank protection against bacteria and fungal attack and prevents growth of slime formation in the inner layer. These tanks are totally choice when it comes to high temperature. These tanks reflect back the heat of the sun and relatively keep the water cool during those harsh summer months. Tanks come with facility of "Threaded Lids" can be screwed on the top to keep the dust out.

Without Anti-Microbial



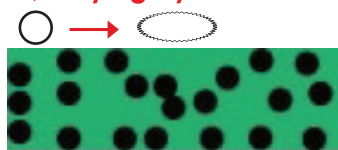
BEFORE

Added Anti-Microbial



AFTER

○ Microorganism
↓ Dying by Contact



ANTIMICROBIAL AGENTS

ANTIBACTERIAL PLASTIC PROVIDE ADDITIONAL SAFEGUARD

Safe, Clean Water When You Need It

Features

INNER ANTI-BACTERIAL LAYER RESISTANT
TO ALL KINDS OF BACTERIA, FUNGUL AND
WHICH IN TURN MEANS:

- Odourless water
- Cleaner water
- Reduced slime (biofilm) on inside of tank
- Reduced contamination in water
- Stops growth of bacteria which adhere to the walls of tank
- Increased life of the tank.

- **CLEAN AND HYGIENIC** – Specially designed with smooth inner layer that resists growth of algae and bacteria.
- **LEAK – PROOF** – The one piece moulded body has no joints and is absolutely maintenance free.
- **RUST – PROOF** – Polyethylene granules used in the construction of the tanks ensure it strong, durable and free from corrosion.
- **LIGHTWEIGHT AND EASY TO INSTALL** – Designed for easy handling, mobility and installation.
- **SECURE** – A special threaded cover ensures that the tank and its contents cannot be tampered with, keep water fresh and clean.
- **STRONG AND STRESS RESISTANT** – Special 'membrane ribs' that counter 'hoop stress' help reinforce the tank.
- **VERTICAL AND HORIZONTAL MODELS** – For particular space / design specification.
- **SUITABLE FOR OVERHEAD AND GROUND APPLICATION** – Adaptable to a variety of applications in household, water supply scheme, agriculture farms, chemical plant, defence, hospitals, offices, schools and colleges.



- Air tight screwable lid
- Keeps water Fresh
- Keeps Dirt and Flies out
- Does not blow off on windy days

GO PURE



ANTI-DUST !

GO HYGIENE



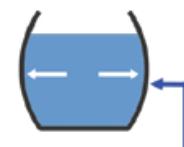
ANTI-MOSQUITO !

GO SAVE



AIR TIGHT LID !

Extra ribs for
extra strength



Other tanks bulge
due to lack of ribs

Poly Emirates Water Tanks.

Check The True Facts for Yourself



Vertical Tank
100 - 6000 U.S.G.



Horizontal Tank
100 - 2000 U.S.G.

Item	Concrete	S Steel	Fiberglass	Poly Emirates
Durability	Fair	Good	Poor	Excellent
Water Quality	Poor	Good	Fair	Excellent
Water Tightness	Fair	Good	Fair	Excellent
Transportation and Assembly	Poor	Fair	Poor	Excellent
Corrosion	Fair	Good	Fair	Excellent
Maintenance	Poor	Fair	Poor	Excellent
Flammability	Good	Good	Excellent	Fair
Cleaning	Poor	Excellent	Good	Excellent

Physical Properties

Melt Index	5.0g/10 min
Vicat Softening	115.0 Celsius
Density	0.935g/cubic cms
Bulk Density	0.420g/cubic cms
Tensile Strength at yield	2600.0Psi
Tensile elongation yield at break	700.00%
Flexural strength	2800.0Psi
Flexural modulus	105000Psi
Environmental stress—crack resistance	F 50 – 300 Hr
Toxicity	Free from Toxic
Water absorption	0.20%

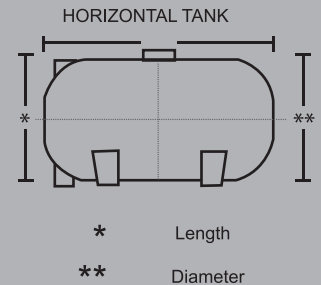
Our Brand – Your Competitive Advantage

HIGH GRADE QUALITY

Poly Emirates Range & Dimension

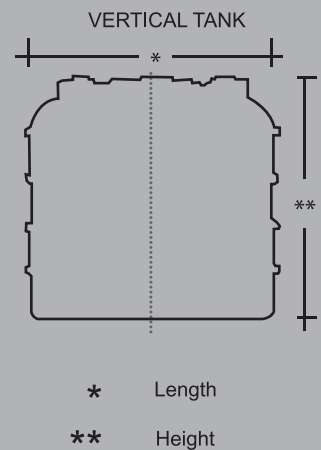
HORIZONTAL TANK

S. No	Product code	US Gallons	IMP Gallons	DIA mm	Length	Height	Manhole size mm	Average thickness mm	Insulated tank average mm
1	PEH 10	100	83	700	1100	760	400	4	6
2	PEH 20	200	166	900	1320	965	400	5.50	7
3	PEH 30	300	250	1040	1500	1100	400	6	8
4	PEH 40	400	334	1160	1600	1225	400	6.50	9.50
5	PEH 50	500	416	1260	1700	1350	500	7.50	10.50
6	PEH 60	600	498	1340	1800	1420	500	8	11
7	PEH 80	800	666	1470	2000	1550	500	9	12
8	PEH 100	1000	833	1570	2200	1660	500	9.5	13
9	PEH 125	1250	1040	1680	2450	1730	500	12.5	13.5
10	PEH 150	1500	1250	1770	2500	1825	500	14.5	16
11	PEH 200	2000	1666	1800	2850	2250	500	16	18



VERTICAL TANK

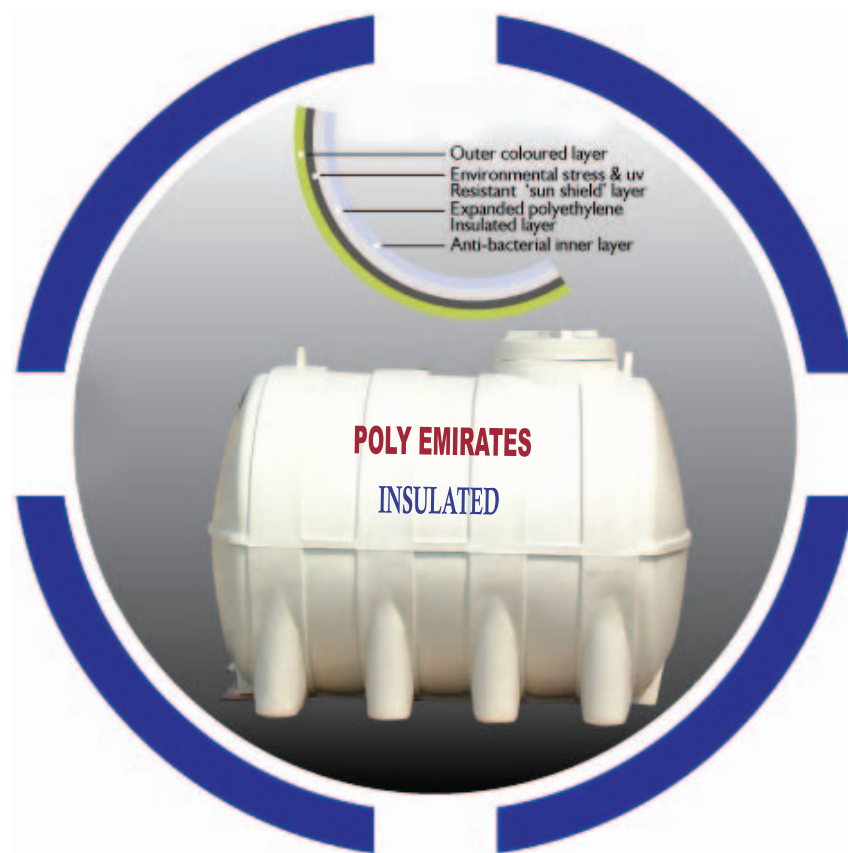
S. No	Product code	US Gallons	IMP Gallons	DIA mm	Height	Manhole size mm	Average thickness mm	Insulated tank average mm
1	PEV 10	100	83	760	915	400	4	5.50
2	PEV 20	200	166	975	1145	400	4	6
3	PEV 30	300	250	1100	1325	400	4.50	6.50
4	PEV 40	400	334	1200	1485	400	5.50	7
5	PEV 50	500	416	1300	1570	400	6	8
6	PEV 60	600	499	1380	1675	400	6	8.5
7	PEV 80	800	666	1520	1860	500	7.50	9
8	PEV 100	1000	833	1620	2030	500	8	10
9	PEV 120	1200	1000	1725	2140	500	8	10.50
10	PEV 125	1250	1040	1880	2050	500	9	11
11	PEV 150	1500	1250	1880	2230	500	8.50	11
12	PEV 200	2000	1667	2020	2530	500	9.50	12
13	PEV 250	2500	2083	2250	2900	500	12	13
14	PEV 300	3000	2500	2370	2730	500	10	13
15	PEV 500	5000	4166	2800	3300	500	12.50	14
16	PEV 600	6000	5000	3060	3500	500	13.50	15.50



Tolerance - 3% of the nominal dimension as given in the table

Special Insulated Build in Anti-microbial Protection

A Cross Section of Insulated Poly Emirates
Water Storage Tank



A new Generation of Polyethylene Water Storage Tanks

from **Poly Emirates Plastic Industries**

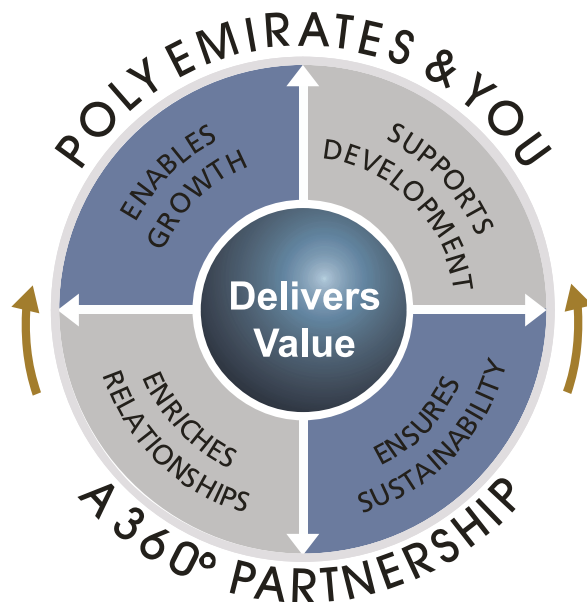
Have A Unique 4 – layer Insulation With Inner Microbial Layer

Available In Many Sizes, from 100 To 6000 U.S. Gallons Capacity

MORE THAN HIGH PERFORMING



OUR
PRODUCTS
ARE 100%
LEAK-PROOF
AND SAFE



POLY EMIRATES
PLASTIC INDUSTRIES
CALL : 02-5500881



ASSOCIATION OF
ROTATIONAL MOLDERS



Environment friendly
100% Recyclable

هاتف : ٥٥٠٠٨٨١ (٢) ٠٠٩٧١، فاكس : ٥٥٠٠٨٨٢ (٢) ٠٠٩٧١، ص. ب : ٢٥٧٨١، مدينة أبوظبي الصناعية، مصنع، أ.ع.م.

Tel: 00971 (2) 5500881, Fax: 00971 (2) 5500882, P.O.Box: 25781, Abu Dhabi Industrial City, Musaffah, U.A.E.

E-mail: jhkm100@hotmail.com