

A SAUDI POLYCON FOR EVERY HOME, ROAD & WEATHER CONDITION





saudipolycon.com

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About Us

Since 1998, Saudi Polycon is a market leader with a strong commitment to quality and service. It offers custom molding, a wide range of Water Tanks, Road Barriers, Rotolining on interior surface of carbon steel pipes and tanks and more.



Polycon products are manufactured using low-density polyethylene an environmentally compatible hydrocarbon. Polyethylene is a high-grade thermoplastic that has exceptional resistance to both physical and chemical attack.





Saudi Polycon founded in 1998 in Al-Khobar, KSA, as a joint venture between Al Hussaini Trading Establishment and Al Nassr Industrial Enterprises L.L.C.

Al Hussaini Trading Est, founded 1975, with decades of experience and continued existence in the polyethylene and fiberglass markets in the Kingdom. And Al Nassr Industrial Enterprises L.L.C founded 1993 to set up successful industrial ventures and establish a strong presence in the AGCC and MENA region.

These two entities have both launched what we know today as Saudi Polycon.

MISSION

To manufacture safe, strong and durable products roto-molded to every customers need. To innovate in every way possible and ceaselessly. To explore new applications, markets and boundaries. Every day.

VISION

To maintain our pole position as the leader amongst the roto-molding industries in the GCC. Through ceaseless innovation, best practices and stringent quality standards.



Market **Leader** Since 1998



Years of **Reliable** Service

Saudi Polycon products are designed using the latest and finite analytical methods, allowing for suitable changes to be made to the thickness and variation of the products so that stresses and deflections can be minimized. This makes them resistant to heavy hydrostatic loads with a built-in factor of safety, thereby ensuring many years of service..



Strict Quality Control

At Saudi Polycon, products of the highest grade are produced under strict quality control that matches the requirements of ISO 9001:2015 QMS at each stage of the manufacturing process.





Quality Certificates

A Positive nod from the experts

SGS ISO 9001 - 2015 CERTIFICATE ♥







FOOD CONTACT SUITABILITY TEST CERTIFICATE •

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SAUDI POLYCON 06



A generation ahead

Over 2 decades of building trust into one of the finest water tanks available. Give us water and we'll store it. Hygiene and safety are guaranteed. Saudi Polycon water tanks ... we're a generation ahead.





SAUDI POLYCON Water Tanks

Saudi Polycon Water Tanks are molded from UV stabilized and FDA approved food grade polyethylene material which guards against bacteria, fungus and algae. The Tanks have high environmental stress resistance, can withstand high-pressure impacts and poor temperature conditions while protecting the water from ultra-violet radiations, rust and leakage.

Unique Features





Clean and hygienic

Specially designed with a smooth inner layer that resists growth of algae and bacteria.



Leakproof

The one-piece, molded body has no joints and is absolutely maintenance free.



Rustproof

Polyethylene granules are used in the construction of the tanks to ensure that the tank is strong, durable and corrosion resistant.

Secure

A special, threaded cover ensures that the tank and its contents cannot be tampered with.

Strong and stress-resistant

Special membrane ribs that counter 'hoop stress' helps to reinforce the tanks.

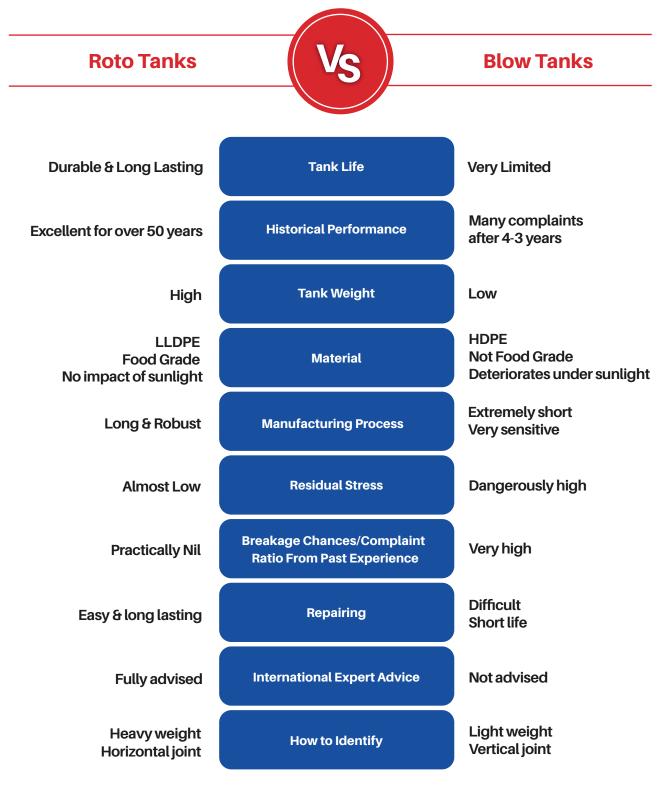
Overhead application

Adaptable to a variety of applications; in households, water supply schemes, agricultural farms, chemical plants, defence, hospitals, offices, schools and colleges.





Why you should choose Saudi Polycon Roto Molded Tanks over Other Blow Molded Tanks?

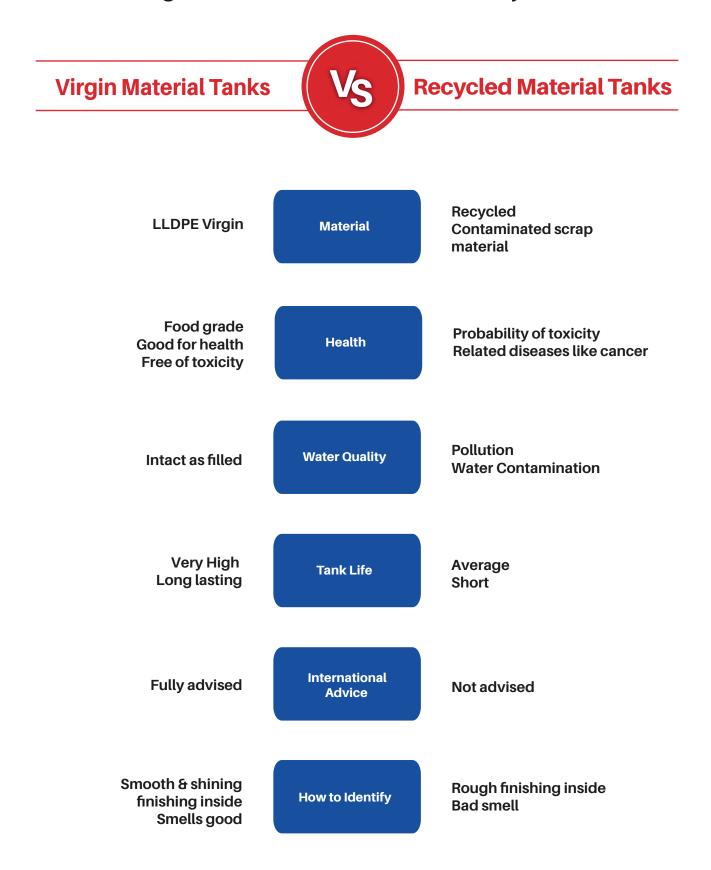


SAUDI POLYCON 10



Why you should choose

Tanks of Virgin Material over Tanks from Recycled Material?



SAUDI POLYCON 11



Comparison Chart

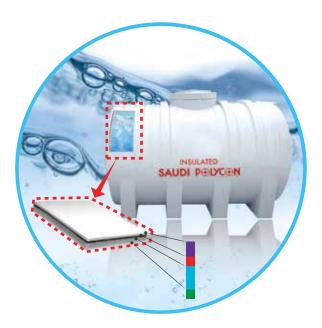






ITEM	POLYCON	CONCRETE	S STEEL
Durability	Excellent	Fair	Good
Water Quality	Excellent	Poor	Good
Water Tightness	Excellent	Fair	Good
Transportation & Assembly	Excellent	Poor	Fair
Corrosion	Excellent	Fair	Good
Maintenance	Excellent	Poor	Fair
Flammability	Fair	Good	Good
Cleaning	Excellent	Poor	Excellent

PHYSICAL PROPERTIES					
Melt Inded	5.0 g / 10 min				
Vicat Softening	115.0° Celsius				
Density	0.935 g/cubic cms				
Bilk Density	0.420 g/cubic cms				
Tensile Strength At Yield	2600.0 Psi				
Tensile Elongation Yield At Break	700.00%				
Flexural Strength	2800.00 Psi				
Flexural Modulus	105000 Psi				
Environmental Stress-Crack Resistance	F 50-300 Hr				
Toxicity	Free from Toxic				
Water Absorption	0.20%				





SUV Protection

Smooth white layer of pure polythylene to reflect sun rays heat and prevent ultra violet rays



Fungi Protection Black layer from the polythylene to prevent light that causes fungus and moss



Reduce Heat Polythylene layer to reduce heat



Clean & Healthy

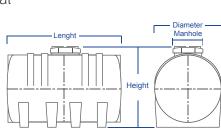
Smooth white inner layer from the pure polythylene. Specialized for healthy storage of water





Horizontal Tanks

Saudi Polycon water tanks come in a wide range of horizontal and vertical sizes that fits perfectly into any space you have.



FOOD GRA

CO FRIEN

Dimensions [®]Range

CODE	CAPACITY (Liter)	LENGTH (mm)	HEIGHT (mm)	DIA (mm)	MANHOLE (mm)
SPH1.3	132	815	625	525	323
SPH4	400	1300	800	700	375
SPH5	500	1510	840	740	375
SPH10	1000	1590	1100	1000	375
SPH12	1200	1690	1125	1025	475
SPH15	1500	1550	1310	1210	475
SPH20	2000	1900	1375	1275	475
SPH25	2500	2135	1450	1350	475
SPH30	3000	2200	1530	1430	475
SPH40	4000	2565	1625	1525	475
SPH50	5000	2550	1800	1700	475
SPH60	6000	2800	1875	1775	475

Tolerance: ±3% of the nominal dimensions

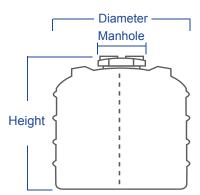
Vertical Tanks











Dimensions ⁽²⁾Range

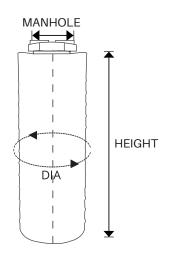
CODE	CAPACITY (Liter)	HEIGHT (mm)	DIA (mm)	MANHOLE (mm)
SPV4	400	1070	825	375
SPV8	800	1220	1000	375
SPV12	1200	1360	1120	375
SPV16	1600	1500	1500 1270	
SPV20	2000	1620	1350	375
SPV24	2400	1695	1430	375
SPV32	3200	1910	1590	375
SPV40	4000	1940	1750	475
SPV60	6000	2270	2080	475
SPV80	8000	2460	2210	475
SPV100	10000	3210	2275	475
SPV120	12000	3020	2410	475
SPV150	15000	3460	2650	475
SPV200	20000	3835	2875	475
SPV250	25000	4120	3150	475
SPV300	30000	4370	3325	475
SPV400	40000	5270	3425	475

Tolerance: ±3% of the nominal dimensions

Cylindrical Tanks

Dimensions [®]Range

CAPACITY (Liter)	HEIGHT (mm)	DIA (mm)	MANHOLE (mm)
190	750	640	375
1000	2225	824	375







SAUDI POLYCON Track Barrier System





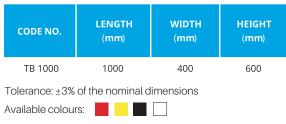
Good looking and versatile: Our unique track barrier system is better looking than the wooden fencing alternatives, and provides a safe, professional barrier.

Safe, durable and cost effective: Our track barrier system remains interlocked without any gaps, protrusions or obstacles, providing a solid all in one track wall for maximum safety.

Features:

- Designed for enhanced security and safety of drivers, spectators, and staff
- Quick and easy positioning system
- Linked system make moving the track course layout quick and easy compared to other systems
- Manufactured from UV Stabilized virgin medium density polyethylene
- Excellent impact strength
- Heavy duty design and material thickness
- Affordable professional locking system
- The barriers are designed to allow 30° movement
- Barriers make a fantastic medium for advertising to generate extra revenue
- Can be produced in any colour (subject to quantity)
- In-house facility to develop customized sizes

Dimensions [®]Range







SAUDI POLYCON Road Barriers

Power with a purpose

When it comes to safety on the road, Polycon Road Barriers are the preferred choice in the region. Safe, lightweight and made with collision absorbing material they serve as the ideal solution while building roads, as safety blocks or enclosures or even for restricting or maneuvering the movement of traffic.



Top Reasons To Choose

- Lightweight yet rugged
- Force-absorbing material
- Fade resistant
- UV-stabilized, high-density polyethylene
- Easy-to-handle forklift holes
- No hardware or heavy equipment required
- One-person operability
- 90-degree turning radius for enclosing the smallest spaces
- Maintenance free

Dimensions [®]Range

CODE NO.	LENGTH (mm)	HEIGHT (mm)	BASE WIDTH (mm)	TOP WIDTH (mm)
PGRB80 - BM	2180	800	4000	800
PGRB100 - P	1000	1000	400	170

Tolerance: ±3% of the nominal dimensions

Available colours:

SAUDI POLYCON 16

We also provide custom colours options







Extend Life of Assets Using Rotolining

Saudi Polycon, the only company in the Saudi that specializes in Rotolining for corrosion protection.





Rotolining is a seamless **internal lining** technique for steel structures. An innovative and highly effective **internal corrosion** protection technology specially designed for pipelines, plant pipings, tanks, vessels etc. that has recently seen significant usage in this region.

Rotolining applies a **uniform, smooth, joint-free and adhesive-free** coating of **Polyethylene/ETFE/PTFE/ PVDF/ Polyamide** etc. on the internal surface of the steel structures with controlled heating process.

Rotolined pipes, vessels, tanks can withstand extreme operating temperatures **from cryogenic range up to 350°C** and carry the **most corrosive fluids**. The biggest benefit of Rotolining our end-users have experienced is the **assets' longer life** with **reduced maintenance costs.**

Rotolining has been regularly used in the USA, Europe, Japan, China, India and also in Oman for decades. Rotolined tanks have also emerged as the best **storage device for Hydrogen gas** as the fuel of future.

Polycon is the **pioneer in Rotolining** in the UAE and our services are available across the GCC countries through our joint ventures. Polycon is now also approved as a top Rotolining Service provider by **ARAMCO, ADNOC** and other major end-users of the region.

က္က်ာ APPLICATIONS	MAJOR CUSTOMERS
1. Steel Pipes, Spools, Fittings, Plant Pipings,	DryDocks World, Dubai
Tubular Goods 2. Skids, Tanks, Vessels, Headers, Scrubbers,	Oxy - Occidental of OmanSchlumberger
Agitators, Large Tankers 3. Water and Chemical Injection Systems	• Al Shirawi
 Water and Chemical Injection Systems Process Piping & Equipment 	• Oman Drydocks Co. • Process Group International
5. Marine Piping Systems (BWTS and others)	Oilfield Supplies FZCO
	Advance Watertek





ADVANTAGES

1. Best-in-Class **Internal Corrosion Protection Technology** with design life 50 years.

2. Excellent corrosion resistance against highly corrosive fluids like, sea-water, sewage water, crude oil, nuclear waste water, acids (as strong as 98%), bases and other chemicals.

3. Zero failure at low to very high operating temperatures - from cryogenic temperature up to 350 $^\circ\mathrm{C}.$

4. Lower heat dissipation, improved flowrates, reduced deposition and overall lower pump power consumption.5. "Lowest life-cycle cost" of corrosion protection of steel assets



SAUDI POLYCON 19

ROTOLINING BENEFITS COMPARED TO OTHER TECHNOLOGIES

Particulars	Rotolining (PE)	Sheet Lining	Powder Coating	FRP	Epoxy Coating	Glass Lining	Exotic Alloy	
Seamless Liner	~	×	~	×	~	~	×	
Mechanically Bonded Liner	~	×	V	×	~	×	×	
Complex Shapes	~	×	×	×	×	×	×	
Thick Liner (2-11mm)	×	×	×	×	×	×	×	
Resists Abrasion	~	×	×	×	×	~	~	
Easily Repaired	~	~	×	×	×	×	×	
Impact-resistant	~	~	×	~	×	×	×	
No Direct Internal Access Required	~	×	×	×	×	×	~	
Reuse Existing Structures	×	~	~	×	~	×	×	

Our Capabilities

	li	nternal I	Diameter		Maximum Length		
Description of Article		mum		imum	In mm	In feet	
	In mm	In inch	In mm	In inch		inteer	
Straight Pipe - Small	50	2	600	24	6000	20	
Straight Pipe - Big	600	24	3,000	120	6000	20	
Straight, Single & Double Bend Spool - Small	50	2	600	24	1,750	6.5	
Straight, Single & Double Bend Spool - Big	600	24	3,000	120	2,000	6.5	
Equal Tee	50	2	600	24	2,000	6.5	
Manifolds	50	2	600	24	2,000	6.5	
Acid Tanker / Vessels	600	24	3,000	120	6,000	20	





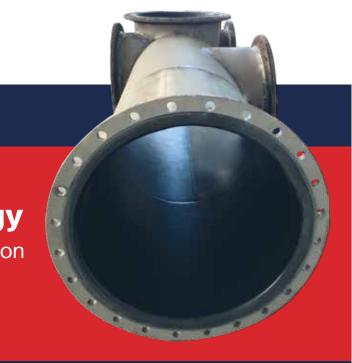






INDUSTRIES

- 1. Oil & Gas
- 2. Marine & Ship-building
- 3. Chemicals, Petrochemicals, Fertilizers
- 4. Power & Desalination Plants
- 5. Sewage Water Treatment Plants
- 6. Water Transmission Systems
- 7. Nuclear Waste Water Piping Systems
- 8. Hydrogen Storage Tanks



The best technology

for internal corrosion protection of your steel assets.



SAUDI POLYCON Spill Containment Pallets



Saudi Polycon drum spill containment pallets are designed for the safe and compliant storage of 205 Ltr drums. The pallets are 100% rotationally molded polyethylene with a broadband chemical compatibility.

Every pallet has a strong removable plastic grid for easy cleaning. Forklift pockets facilitate relocation of loaded pallets (without drums).

Dimensions [®]Range

CODE NO.	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	Sump Capacity (litre)
2 Drum	1340	725	420	150
4 Drum	1340	1340	280	170

Tolerance: ±3% of the nominal dimensions.







- Made from FDA approved UV Stabilized Polyethylene material
- Smooth exterior, easy to clean and wash
- Excellent resistance to water and chemicals
- 100% rot-free, no dents, maintenance-free
- 100% hygienic, safe and sterilisable
- Stackable design with 4-way entry

Dimensions [®]Range

CODE	LENGTH	WIDTH	HEIGHT
NO.	(mm)	(mm)	(mm)
PG BM Pallet	1310	1105	135

Tolerance: ±3% of the nominal dimensions

SAUDI POLYCON 22

MULTI-FUNCTIONAL EASILY STACKABLE HIGHLY SUSTAINABLE DURABLE AND MORE

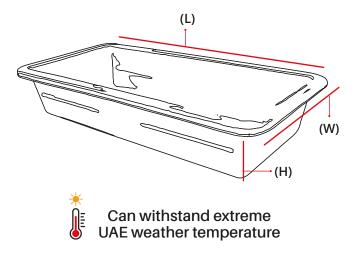
STABI

SAUDI POLYCON Multi-Purpose Trays

Made from UV-stabilized, FDA approved food grade & environment friendly PE resin material, these trays are ideal for the storage of grains, liquids, fertilizers and provide excellent warehouse storage solutions. They are most suitable for residential, industrial and commercial solutions, especially for use in confined & narrow spaces of balconies, hotels, offices, warehouses etc.

Wide ranging applications: Excellent for green house, vertical farming, aquaponics and companies involved in animal husbandry (cattle, sheep, horses, camels and other livestock). The customized stackable design makes them ideal for warehouses that need efficient storage solutions without taking up too much space.



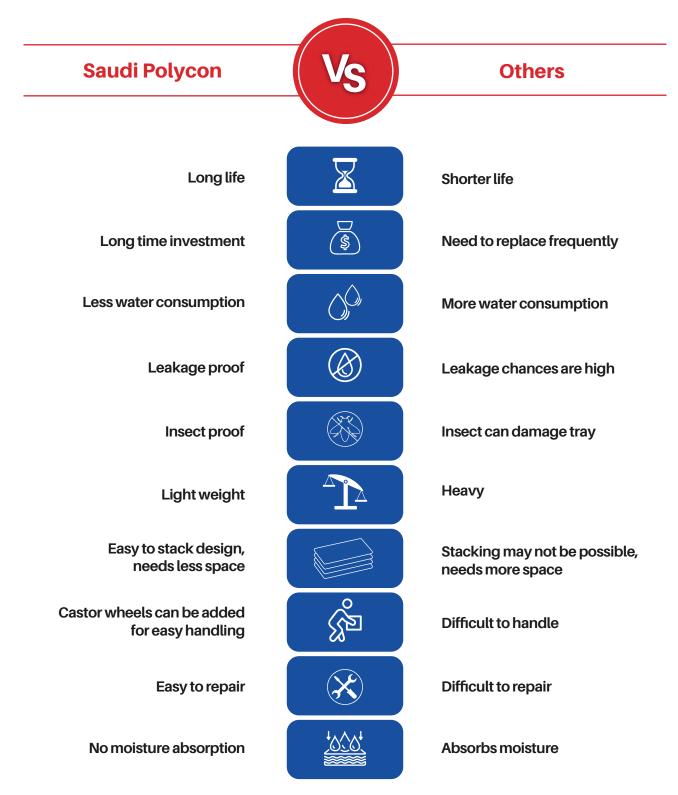


Dimensions [®]Range

LARGE	MEDIUM	SMALL
1,830	1,220	830
340	340	340
980	790	810
465	310	210
	1,830 340 980	1,830 1,220 340 340 980 790

All sizes are in mm

CHOOSE THE BEST





ONE TRAY, MULTIPLE SOLUTIONS

Advantages & Features:

- Leak-proof design
- Easy to clean & handle
- Heavy-duty
- Long life
- Value for money
- Corrosion free
- No germination
- No sagging
- Easy to repair





Warehouse Solutions



Farming (Root Vegetables and Leafy Vegetables)



Aquaponic Farming



Villas & Apartments



Terrace Gardening



Animal Husbandry (Cattle, Poultry, Horse & Camel Feeding)

UPSIDE DOWN TO YOUR ADVANTAGE

SAUDIPELYCEN

SAUDI POLYCON Conical Tanks

Easy Storage. Efficient drainage:

Conical tanks have dramatically changed the course of storing liquids, especially when it comes to draining and cleaning sludge, precipitates and sediments. The uniquely designed upside-down usability allows heavy fluids to easily flow through and efficiently prevents pollutant build-up.

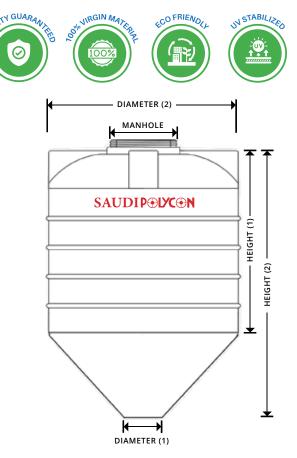
Innovatively designed full-drain system for tanks:

Our tanks are a notch above flat-based tanks due to the innovatively designed base slopes, angled toward the center that create a vortex providing the largest full-drain system conceivable in a vertical tank... a boon for industrial, commercial and residential applications.

Approved food grade material and protection from UV radiation:

Polycon Conical Tanks are molded from UV stabilized and FDA approved food grade polyethylene, and is officially recognized by UAE municipalities. They have strong environmental stress resistance and can withstand high-pressure impact and poor temperature conditions, while protecting the water from UV radiation, rust and leakage.

Saudi Polycon conical tanks are the best option for easy storage and efficient drainage.



Dimensions [®]Range

SAUDIPOLYCON

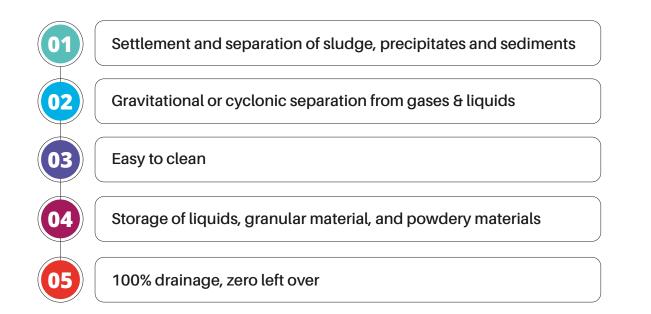
DESCRIPTION	SMALL	LARGE
Diameter (1)	150	150
Diameter (2)	1,330	1,530
Manhole	370	370
Height (1)	1,250	1,870
Height (2)	1,940	2,540
Capacity	450 USG / 1,700 LITRES	900 USG / 3,400 LITRES



Note: 1 USG = 3.785 Litre



USES AND ADVANTAGES



APPLICATIONS

- Chemical dosing
- Cyclone separators
- Wastewater treatment
- Fermentation of liquids or granular materials
- Sedimentation / settling
- Distillation
- Filtration
- Gold and silver refineries







SAUDI POLYCON Slim Water Tanks

Smart Water Storage Solutions

Easy storage. Efficient drainage

Style meets substance in our ergonomically crafted Slim Water Tanks. Robust and long-lasting, they're designed to fit into small or confined spaces and are ideal for commercial, household, horticultural, irrigation and industrial sectors.

Place them wherever you want... Hang them on walls, Stack them or..

Hang them along the sides of building walls, place them on balconies or you can even stack them to create stand-alone garden walls. The square and rectangular shape allows for setting it up where round water tanks cannot be placed. Wall mounting is easily done by embedding sturdy dowels during installation. No solid base needed to stand on!

Approved food grade - UV protected

Our Slim Water Tanks are molded from UV stabilized and FDA approved food grade polyethylene, and is officially recognized by UAE municipalities. They have strong environmental stress resistance and can withstand high-pressure impact and poor temperature conditions, while protecting the water from UV radiation, rust, and leakage.

So, make the most of your available space, elegantly.













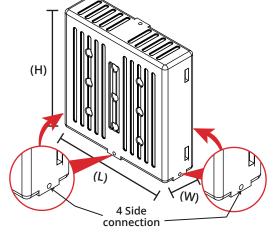
ELEGANT & EASY TO INSTALL ANYWHERE

Uses and Advantages:

- Space saving
- Cost-effective water storage solution
- Easy to transport
- Ideal for narrow spaces
- Lightweight
- Multiple tanks can easily fit in small areas
- Substitute for horizontal and vertical tanks

Also recommended for:

- Parks & Playgrounds
- Car wash stations
- Schools
- Portable restrooms
- Isolated farms
- Sports grounds
- Villa gardens and more...



Dimensions [®]Range

DESCRIPTION	Size in mm
Length (L)	970
Width (W)	280
Height (H)	970
Capacity	65 USG / 250 LITRES



WALL HANGING

Note: 1 USG = 3.785 Litre





You design, we build it









New Product



SLIM TANK: 1000 mm (Length) x 280 mm (Width) x 1000 mm (Height)



CONICAL TANK: Height1985-mm, Diameter1330-mm



Toughened products for life



