

POLYCON

A part of Al Nasser Industrial Entp. LLC.

CELEBRATING
25
YEARS

A POLYCON FOR EVERY
HOME, ROAD & WEATHER CONDITION



www.polycongulf.com

MADE IN UAE
MADE FOR THE GCC



POLYCON GULF LIMITED بوليكون الخليج المحدودة



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POLYCON

MADE IN THE UAE. MADE FOR THE GCC.



Introduction

Polycon Gulf Ltd is part of Al Nasser Industrial Enterprises LLC, a prominent Industrial Group with manufacturing activities spanning diverse verticals like Steel, Polymers, Fabrication and Industrial intermediates.

Polycon Gulf sets the standard for roto-molding with an innovative range of products and services such as Water Storage Tanks, Road Barriers, Portable Restrooms, Spill Containment Pallets, Dual-face Pallets, Illuminated Planters and Polymer Lining on interior surface of carbon steel pipes and tanks.

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

Years of Reliable Service

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 services.



Strict Quality Control



At Polycon Gulf Ltd, products of the highest grade are produced. Strict quality control that meets the requirements of ISO 9001:2015 is practiced at each stage of the manufacturing process.

Letters of Appreciation






Food Safety Department
Permits and Applied Number Section

Food Contact Material Approval
إدارة سلامة الأغذية
قسم التصاريح والأرقام المطبقة

Request Number / رقم الطلب: FCPM/2017-00008
Date / التاريخ: 19/07/2017

Establishment Name / اسم المؤسسة: POLYCON GULF LIMITED L.L.C.
Approval No. / رقم التصاريح: ACP/00008
Approval Duration / مدة التصاريح: 22

Food Contact Material Details

Brand Name / اسم العلامة التجارية: POLYCON	Food contact material / نوع المادة: PVC
Manufacturer Name / اسم المصنع: POLYCON GULF LIMITED	HS Code / الرمز الجمركي: 39209999
Country of origin / بلد المنشأ: United Arab Emirates	Usage / الاستخدام: Food Packaging/Containers
Temp. Range / النطاق الحراري: -	Type of approval / نوع التصاريح: AL-HAYAT - STANGER LABORATORIES

Products of Food Contact Material / المنتجات المصنوعة من المادة البلاستيكية

Notes / ملاحظات:

This is to confirm that the above food contact material has been checked and found to be suitable for direct contact with foods and a list of items manufactured from this material attached with this certificate. This approval has been given based on the current enforced regulations, and it does not imply a guarantee for retaining the required levels. Therefore, each consignment will be subjected by inspection to ensure conformity with enforced regulations at the area of origin.

هذا لتأكيد صحة المادة البلاستيكية المذكورة أعلاه من حيث صلاحيتها للتلامس المباشر مع الأغذية، مع قائمة المنتجات المصنوعة من هذه المادة المرفقة مع هذا الشهادة. هذا التصاريح قد تم اعطائه بناءً على اللوائح المعمول بها حالياً، ولا يضمن هذا التصاريح مدى استمرارية هذه المستويات المطلوبة. بالتالي، كل شحنة ستخضع للتفتيش لضمان مطابقتها مع اللوائح المعمول بها في منطقة المنشأ.

This document is approved electronically and does not require any signature. To verify the document please visit the following website: www.al-hayat.gov.ae and/or Delumery (FCPM/2017-00008) and Verification Code 97028 or QR Code 0088

هذا الوثيقة معتمدة إلكترونياً ولا تحتاج توقيع. للتأكد من صحة الوثيقة يرجى زيارة الموقع الإلكتروني التالي: www.al-hayat.gov.ae أو زيارة ديلوميري (FCPM/2017-00008) أو التحقق من الرمز 97028 أو رمز الاستجابة السريعة QR Code 0088

Product Test Certificates




TEST REPORT
OVERALL MIGRATION ANALYSIS OF FOOD CONTACT MATERIALS

Report no.: 438 - 200790 - 08
Report date: 23.07.17

Client Name: POLYCON GULF LIMITED
Address and location: P.O. Box, 9994 Muscat, the State, U.A.E.
Client ref. request no.: Not specified
Issue date: 19.07.17
Test methods: BS EN 1831-1:2007 and BS EN 1831-2:2007

Sample description as identified by the customer: Public water storage tank material
As identified by: Not specified
Material: Food Grade Polyethylene Plastic material
Supplier: LABC (Oman) - Industrial Corporation
Brand: POLYCON

Country of Origin: U.A.E.
Manufacturer: POLYCON GULF LTD.
Sample Delivered by: Client Representative
Sampling date: Not specified
Sampling method: Not specified

Medium: "Overall Migration"

Medium (Temp/Time)	Concentration of Extracts, mg/kg	Limit as per Article 12, BS 1831-1, mg/kg
Non-food (Distilled water) @ 20°C for 20 days	≤ 1	10

Remarks: The above tested sample meets the specification limits as per Article 12, BS 1831-1.
Test Method Variation: None

Al-Hayat Chemistry Department, Muscat, U.A.E. - This Report is accredited by EAC for the above test.
 Al-Hayat Chemistry Department, Muscat, U.A.E. - This Report is accredited by EAC for the above test.

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Al-Hayat Chemistry Department
Head of Chemistry Department
For Al-Hayat Chemistry Department

Stanger Laboratories
Head of Stanger Laboratories

Page 3 of 3




TEST REPORT
SUITABILITY OF NON-METALLIC PRODUCTS FOR USE IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION WITH REGARD TO THEIR EFFECT ON THE QUALITY OF WATER

Report number: 438 - 200790 - 09
Report date: 26.07.17

Client Name: POLYCON GULF LIMITED
Address and location: P.O. Box, 9994 Muscat, the State, U.A.E.
Client ref. request no.: Not specified
Issue date: 19.07.17
Test methods: BS EN 1831-1:2007 and BS EN 1831-2:2007

Sample description as identified by the customer: Polycon Water tank, Insulated tank, HDPE
As identified by: Not specified
Material: Polycon Water tank, Insulated tank, HDPE
Supplier: LABC (Oman) - Industrial Corporation
Brand: POLYCON

Country of Origin: U.A.E.
Manufacturer: POLYCON GULF LTD.
Sample Delivered by: Client Representative
Sampling date: Not specified
Sampling method: Not specified

Medium: "Overall Migration"

Parameter	Units	Result	Specification Limits
Lead (Pb)	µg/L	< 0.01	0.01 (mg/L)
Manganese (Mn)	µg/L	< 0.01	0.01 (mg/L)
Nickel (Ni)	µg/L	< 0.01	0.01 (mg/L)
Vanadium (V)	µg/L	< 0.01	0.01 (mg/L)
Zinc (Zn)	µg/L	< 0.01	0.01 (mg/L)

Remarks: The above tested sample meets the specification limits as per BS EN 1831-1:2007.

Test Method Variation: None

Al-Hayat Chemistry Department, Muscat, U.A.E. - This Report is accredited by EAC for the above test.
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Head of Chemistry Department
For Al-Hayat Chemistry Department

Stanger Laboratories
Head of Stanger Laboratories

Page 3 of 3




TEST REPORT
SUITABILITY OF NON-METALLIC PRODUCTS FOR USE IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION WITH REGARD TO THEIR EFFECT ON THE QUALITY OF WATER

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Client ref. request no.: Not specified
Issue date: 19.07.17
Test methods: BS EN 1831-1:2007 and BS EN 1831-2:2007

Sample description as identified by the customer: Polycon Water tank, Insulated tank, HDPE
As identified by: Not specified
Material: Polycon Water tank, Insulated tank, HDPE
Supplier: LABC (Oman) - Industrial Corporation
Brand: POLYCON

Country of Origin: U.A.E.
Manufacturer: POLYCON GULF LTD.
Sample Delivered by: Client Representative
Sampling date: Not specified
Sampling method: Not specified

Medium: "Overall Migration"

Parameter	Units	Result	Specification Limits
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Manganese (Mn)	µg/L	< 0.01	0.01 (mg/L)
Nickel (Ni)	µg/L	< 0.01	0.01 (mg/L)
Vanadium (V)	µg/L	< 0.01	0.01 (mg/L)
Zinc (Zn)	µg/L	< 0.01	0.01 (mg/L)

Remarks: The above tested sample meets the specification limits as per BS EN 1831-1:2007.

Test Method Variation: None

Al-Hayat Chemistry Department, Muscat, U.A.E. - This Report is accredited by EAC for the above test.
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Al-Hayat Chemistry Department
Head of Chemistry Department
For Al-Hayat Chemistry Department

Stanger Laboratories
Head of Stanger Laboratories

Page 3 of 3

Water Storage Tanks

Polycon Water Tanks are molded from UV stabilized and FDA approved food grade polyethylene material which guards against bacteria, fungus and algae. The Tanks are approved by UAE Municipalities and 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.



POLYCON Water Tanks

- **Clean and hygienic** – Specially designed with a smooth inner layer that resists growth of algae and bacteria.
- **Leak-proof** – The one-piece, molded body has no joints and is absolutely maintenance free.
- **Rust-proof** – Polyethylene granules used in the construction of the tanks ensure the tank is strong, durable and corrosion resistant.
- **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.
- **Strong and stress-resistant** – Special membrane ribs that counter ‘hoop stress’ helps to reinforce the tanks.
- **Vertical and horizontal models** – to suit space/design specifications.
- **Suitable for overhead and underground applications** – Adaptable to a variety of applications; in households, water supply schemes, agricultural farms, chemical plants, defence, hospitals, offices, schools and colleges.



Vertical
Tank

50-10000 USG.



Horizontal
Tank

35-3000 USG.



Special
Insulated
Tank

400-1000 USG.



Under
Ground
Tanks

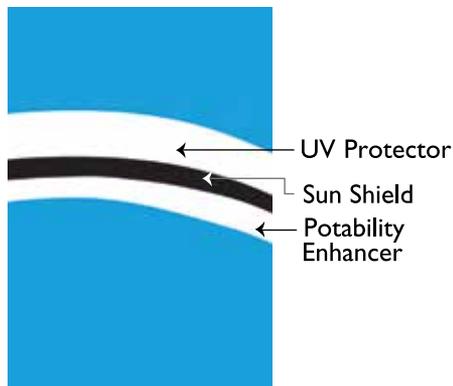
1000 USG.

FACTS OF POLYCON

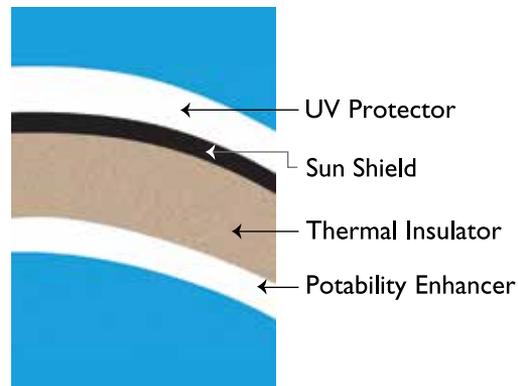
Water Tanks

Comparison Chart

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



3 Layer Standard



4 Layer Insulated

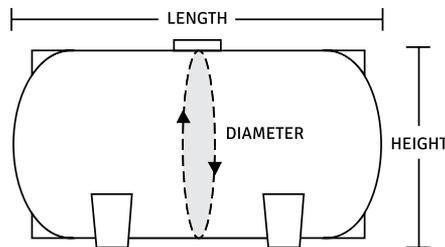


PHYSICAL PROPERTIES

Melt index	5.0 g/10 min
Vicat softening	115.0° Celsius
Density	0.935 g/cubic cms
Bulk 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%

Horizontal Tank

Dimension
&
Range



3 LAYER STANDARD		4 LAYER INSULATED		US GALLON	IMP GALLON	LITRE	LENGTH (mm)	DIA (mm)	HEIGHT (mm)	MANHOLE SIZE (mm)
CODE NO	AVERAGE THICKNESS	CODE NO	AVERAGE THICKNESS							
PGHMB 3.5	4	PGHMBI 3.5	4	35	29	132	815	510	520	275
PGHMB 10	4	PGHMBI 10	6	100	83	379	1300	740	780	370
PGHMB 20	5.5	PGHMBI 20	7	200	166	757	1440	920	940	370
PGHMB 25	5.5	PGHMBI 25	7.5	250	208	946	1540	980	1005	370
PGHMB 30	6	PGHMBI 30	8	300	250	1136	1640	960	1010	370
PGHMB 40	6.5	PGHMBI 40	9.5	400	334	1514	1630	1120	1180	475
PGHMB 50	7.5	PGHMBI 50	10.5	500	416	1893	1970	1150	1180	475
PGHMB 60	8	PGHMBI 60	11	600	498	2271	2000	1250	1300	475
PGHMB 80	9	PGHMBI 80	12	800	666	3028	2100	1380	1445	475
PGHMB 100	9.5	PGHMBI 100	13	1000	833	3785	2400	1500	1555	475
PGHMB 125	10	PGHMBI 125	13	1250	1040	4731	2250	1850	1900	475
PGHMB 140	10.5	PGHMBI 140	14	1400	1166	5299	3140	1560	1730	475
PGHMB 150	10.5	PGHMBI 150	14	1500	1250	5678	2680	1860	1960	475
PGHMB 200	12	PGHMBI 200	14.5	2000	1666	7570	3150	1950	2035	475
PGHMB 250	12	PGHMBI 250	14.5	2500	2083	9463	3400	2150	2085	475
PGHMB 300	12.5	PGHMBI 300	15	3000	2500	11355	3550	2170	2245	475

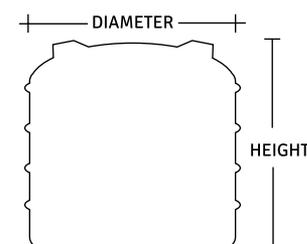
Tolerance: $\pm 3\%$ of the nominal dimensions as given in the table. Conversion: 1USG = 3.785 Litre, 1IMP = 4.560 Litre
All above shapes & sizes of tanks are available in **THREE LAYER STANDARD** as well as **FOUR LAYER INSULATED TYPE**.
All above tanks are available in US Gallons.

Vertical Tank



3 LAYER STANDARD		4 LAYER INSULATED		US GALLON	IMP GALLON	LITRE	DIA (mm)	HEIGHT (mm)	MANHOLE SIZE (mm)
CODE NO	AVERAGE THICKNESS	CODE NO	AVERAGE THICKNESS						
PGVMB 5	4	PGVMBI 5	4	50	41	189	640	750	370
PGVMB 10	4	PGVMBI 10	5.5	100	83	379	880	915	370
PGVMB 20	4	PGVMBI 20	6	200	166	757	1020	1190	370
PGVMB 30	4.5	PGVMBI 30	6.5	300	250	1136	1060	1505	370
PGVMB 40	5.5	PGVMBI 40	7	400	334	1514	1330	1340	370
PGVMB 50	6	PGVMBI 50	8	500	416	1893	1360	1500	370
PGVMB 60	6	PGVMBI 60	8.5	600	499	2271	1350	1880	370
PGVMB 80	7.5	PGVMBI 80	9	800	666	3028	1530	1940	370
PGVMB 80 SP	7.5	PGVMBI 80 SP	9	800	666	3028	2150	1150	370
PGVMB 90	8	PGVMBI 90	9.5	900	750	3407	1550	1850	370
PGVMB 100	8	PGVMBI 100	10	1000	833	3785	1860	1630	475
PGVMB 120	8	PGVMBI 120	10.5	1200	1000	4542	1680	2060	475
PGVMB 125	8	PGVMBI 125	10.5	1250	1040	4731	1860	1950	475
PGVMB 125 SP	8	PGVMBI 125 SP	10.5	1250	1040	4731	2150	1500	475
PGVMB 150	8.5	PGVMBI 150	11	1500	1250	5678	2020	2085	475
PGVMB 200	9.5	PGVMBI 200	12	2000	1667	7570	2080	2380	475
PGVMB 250	9.5	PGVMBI 250	12.5	2500	2083	9463	2820	1785	475
PGVMB 300	10	PGVMBI 300	13	3000	2500	11355	2340	2820	475
PGVMB 400	10	PGVMBI 400	13.5	4000	3333	15140	2820	2610	475
PGVMB 500	12.5	PGVMBI 500	14	5000	4166	18925	2820	3325	475
PGVMB 600	13.5	PGVMBI 600	15.5	6000	4996	22710	2990	3510	475
PGVMB 750	16	PGVMBI 750	19	7500	6250	28388	3025	4350	475
PGVMB 1000	17.5	PGVMBI 1000	20	10000	8333	37850	3290	4800	475

Dimension
&
Range



Tolerance: $\pm 3\%$ of the nominal dimensions as given in the table. Conversion: 1USG = 3.785 Litre, 1IMP = 4.560 Litre
All above shapes & sizes of tanks are available in **THREE LAYER STANDARD** as well as **FOUR LAYER INSULATED TYPE**.
All above tanks are available in US Gallons.

POLYCON Special Insulated models

The new generation polyethylene water storage tanks from Polycon have a unique, 4-layer insulation. Insulated Models are available from 400 to 1,000 US Gallons capacity.



Insulated
Tank

Dimension
&
Range

CODE NO	US GALLON	IMP GALLON	LITRE	LENGTH (mm)	DIA (mm)	HEIGHT (mm)	MANHOLE SIZE (mm)	AVERAGE THICKNESS (mm)
PGHMBI 40	400	334	1514	1600	1180	1250	395	10
PGHMBI 50	500	416	1893	1945	1200	1230	395	11
PGHMBI 60	600	498	2271	1985	1300	1370	395	12
PGHMBI 80	800	664	3028	2285	1430	1520	395	14
PGHMBI 100	1000	830	3785	2280	1650	1690	395	15

Tolerance: $\pm 3\%$ of the nominal dimensions as given in the table. Conversion: 1USG = 3.785 Litre, 1IMP = 4.560 Litre
All above tanks are available in US Gallons.

Connection/Interconnection

of POLYCON Water Tanks

For Vertical & Horizontal tanks

No. Description

1	Air Vent	4	Pipe
2	Ball Valve	5	Manifold Pipe
3	Flexible Pipe Fittings	6	Pump

Procedure:

1. You will receive the Polycon water tank with loose PP fittings and holes drilled as per your requirements.
2. Place the tank on a smooth, properly leveled platform.
3. First remove the chuck nut and one rubber washer from fitting, apply the thread sealant, Teflon tape on threaded parts and insert the fitting into the hole by turning it clockwise. After inserting it properly, fix removed one rubber gasket from inside the tank and tighten chuck nut.
4. Hold the fittings with pipe wrench or suitable spanner and fix a ball valve, flexible pipe and connect to the pipeline.
5. Provide properly leveled support under outlet pipe or manifold pipe and fix the clamp on it to avoid stress on the tank.
6. Fix the Air vent on top of the tank especially of bigger sizes, to release the pressure from tank.

Flexible pipe connection allows for tank expansion/contraction and reduces pump/piping vibration stress on the tank thereby increasing the life of tank. Flexible pipe connections are a must for tanks bigger than 1,250 USG in Horizontal Tanks or 2,000 USG in Vertical Tanks to preserve warranty.

Note: Polycon will not be responsible for any damage/breakage to the tank due to improper connection of fittings or wrong interconnection of the tank.



POLYCON

Underground

water storage tank

The Best Underground Water Storage

Unique Features

- ✦ Rotationally molded from FDA approved UV Stabilized Polyethylene
- ✦ Polycon underground storage tanks or Septic tanks are designed to withstand earth pressures that would normally crack traditional tanks.
- ✦ Deeply formed corrugation and longitudinal ribs lend extra strength and stability
- ✦ This tank does not rust, rot or corrode even without protective coating
- ✦ Seamless, one piece construction
- ✦ Large 18" entry/view port with a man-way riser and a threaded cover are included
- ✦ Light weight and compact, No heavy lifting equipment is required for installation
- ✦ Polycon underground tanks are manufactured as single-piece. If simple installation guidelines are followed and tanks are inspected, you can expect long, trouble-free service



Dimension
&
Range

CODE NO	CAPACITY (USG)	LITRE	LENGTH (mm)	OUTER DIA (mm)	HEIGHT UP TO NECK (mm)	MANHOLE SIZE (mm)
PGUG 100	1000	3785	2850	1550	2110	475

Tolerance: ±3% of the nominal dimensions as given in the table. Conversion: 1USG = 3.785 Litre



POLYCON Road Barriers

Polycon's new range of road barriers are strong, sturdy and flexible, ideal for today's roads

- ✦ Made from high density UV-Stabilized polyethylene material
- ✦ Safe and low impact in case of accidents, protecting vehicle and passengers
- ✦ Light weight
- ✦ Can be handled without a crane, results in saving of loading/unloading cost
- ✦ Control the weight by filling water or sand
- ✦ Available in various colours
- ✦ Maintenance free

Dimension & Range

CODE	LENGTH (mm)	BOTTOM WIDTH (mm)	TOP WIDTH (mm)	HEIGHT (mm)
PGRB80 - BM	2180	400	180	800
PGRB80 - P	2150	400	180	800
PGRB100 - P	1000	400	170	1000

Tolerance: $\pm 3\%$ of the nominal dimensions as given in the table

Available colours: ■ ■ ■



0.8 m
Height



New
Barriers
1.0 m
Height



New
Barriers
0.8 m
Height



Track Barrier Applications

- ✦ Indoor and Outdoor Tracks
- ✦ Race Circuits
- ✦ Go-Kart
- ✦ Quad bikes racing, Speedways, Rallying, Motor Cross

Dimension & Range

CODE NO	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
TB 1000	1000	400	600

Tolerance: ±3% of the nominal dimensions as given in the table

POLYCON

Track Barrier System

Affordable Professional and Safe

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 and Benefits

- ✦ 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



Cantilever Shed



Islamic Design



Water Tank Shed



Curve Design

POLYCON

Car/Tank Sheds

Polycon's wide range of polyethylene car sheds are ideal for the harsh weather in the Gulf Region. These state-of-the-art sheds are absolutely maintenance-free and depending on your choice of design, you can choose white or any other colour.

- ✦ Made from high quality UV Stabilized polyethylene material that withstands extreme heat.
- ✦ Light-weight, easy to install
- ✦ Smooth internal and external finishing prevents deposition of dust
- ✦ Easily Washable
- ✦ Any design possible
- ✦ Available in white or any colour of your choice
- ✦ Maintenance-free

Dimension & Range

Car Shed

CODE NO.	LENGTH (mm)	WIDTH (mm)	USAGE HEIGHT AT CENTRE (mm)
CS IS	6000	3000	2700
CS STD	6000	2800	2700
CS CAN	5600	2800	2700

Tank Shed

CODE NO.	LENGTH (mm)	WIDTH (mm)	USAGE HEIGHT AT CENTRE (mm)
TS 3X3	3000	3000	400
TS 3X2	3000	2000	400
TS 2X2	2000	2000	400



POLYCON High Performance Polyethylene Pallets



Unique Features

- ✦ 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
- ✦ Compatible with all existing lifting system
- ✦ Easy to repair
- ✦ Light weight and easy to carry

Dimension & Range

CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
PG BM Pallet	1310	1105	135

Model	Dual-face Type
Design	One piece molded with excellent rib design for High Impact Resistance
Uniform load capacity	Static - 1,500 kgs, Dynamic - 750 Kgs
Material	FDA approved polyethylene - 100% Recyclable
Application	Food & Beverage Industry. Pharmaceutical Industry where clean room applications are important
Colour	Available in a range of colours

Advantages over Wooden Pallets

Plastic Pallets	Wooden Pallets
FDA approved material, guaranteed to last a long time	Low in initial costs only. When they break down, can cause injury
Plastic as a material is very light and easy to handle - no absorption or change in weight	Heavy and awkward to handle, can absorb up to 100% of original weight
Molded one-piece construction and smooth exterior easy to clean and can be completely sanitized	Wood pieces and nails used for construction are unsanitary for food industries
Appropriate for the Food, Pharmaceutical Industries and other sensitive goods	Unsanitary - FDA has proven wood to be vulnerable to germs
Stackable design with 4-way entry saves valuable time	Non-Stackable design, increase space needs



POLYCON Spill Containment Pallets



2 Drum Spill Pallet

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).



4 Drum
Spill
Pallet

Dimension & 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: $\pm 3\%$ of the nominal dimensions as given in the table



POLYCON

Rotolining

A Seamless Polymer Lining Technique for Carbon Steel Pipes, Fittings and Vessels

Rotolining is a unique process that has recently seen significant advantages in part complexity and material performance. This technique allows for a seamless polymer lining to be applied to the interior surface of metal structures. The use of high performance thermoplastics in Rotolining assures that this process will continue to grow and be accepted as an industry standard.

Unique Features of Rotolining

One of the unique features of Rotolining is the ability to apply a relatively uniform layer of polymer to a very complex interior pipe, fitting and vessel geometry.

The rotational moulding process allows a seamless lining of 2 mm to 8 mm thick to be applied to the interior surfaces of the carbon steel pipes, fittings and vessels. The heavy lining thickness allows post machining of critical surfaces that would not be possible with a thinner lining applied by other methods. Virtually any type of metal weldment or casting can be rotolined. Possible to line fairly large structures without welds or flared flanges.

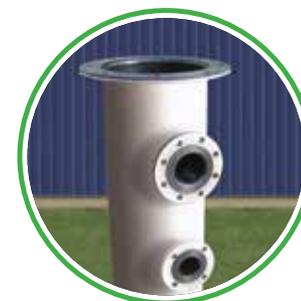
Typical structure that would be rotolined are tanks, carbon steel pipes, fittings, and complex welded structures.

Advantages:

- ✦ Seamless construction without weld joints
- ✦ Better chemical resistance
- ✦ Protection from most acids, alkalis, oxidizers, solvents
- ✦ Increased life cycle compared to other 'spray-in' liners
- ✦ Easier to line complex shapes

Applications:

- ✦ Acid Tanker tanks, Vessels
- ✦ Jacketed reactors & receivers
- ✦ Inlet & outlet Header for Reactor
- ✦ Pumps Casing
- ✦ Shell & tube heat exchanges with lining from inside of tubes
- ✦ Diaphragm Valves, Ball Valves etc.
- ✦ Agitators
- ✦ Spares for glass lined reactors





POLYCON

Portable Restrooms (Toilet)

The most rugged, longest lasting portable restroom (toilet) in the industry.

Polycon Portable restrooms (Toilets) provide you with a quality solution when you need to provide adequate sanitation and changing facilities. Ideal for temporary public events, playgrounds, parks, job sites or urban settings. Polycon portable toilets are made of UV Stabilised Polyethylene giving stability and eliminating the problem of rotting foundation.

Salient Features

- ◆ Rotational molded from high resistance UV Stabilized polyethylene able to withstand harsh weather conditions
- ◆ Tough and durable with all necessary practical features
- ◆ Smooth seamless surface very easy to clean, no growth of moss or fungus
- ◆ Non-skid chequered floor prevents slipping with self-draining system
- ◆ It is light weight and can be moved, transported and relocated easily
- ◆ No maintenance, no dents and no colour fading
- ◆ Double walled door for extra strength
- ◆ Durable latch on door for security
- ◆ All accessories used are of stainless steel material
- ◆ Custom colours available on request

Dimension
& Range

WIDTH (mm)	HEIGHT AT CENTRE (mm)	DEPTH (mm)
1025	2350	1225

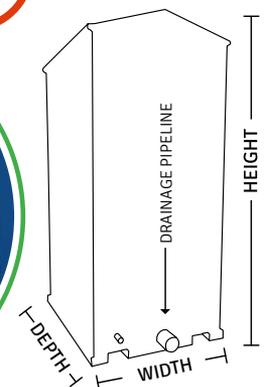
Tolerance: ±3% of the nominal dimensions as given in the table



Western Style



Indian Style



Available colours:



POLYCON Inspection Chambers

Polycon Inspection Chambers offer an alternative to traditional manholes. Polycon's innovative design brings unrivalled flexibility to the underground drainage system.

- ✦ Made from Black HDPE/MDPE with excellent mechanical strength and rigidity
- ✦ Excellent Chemical resistance
- ✦ Significantly lighter than traditional concrete inspection chambers, thereby eliminating the need for heavy and expensive material
- ✦ Easy to install and backfill (within one day as compared to 2 or more days for a concrete chamber) there by reducing installation cost
- ✦ Utilize simple ring-seal joints that create fast, water tight connections
- ✦ Precision engineered and pre-benched chamber base offers smooth, uninterrupted flow characteristics
- ✦ All inlet and outlet sockets allow $\pm 10^\circ$ movement in all directions to accommodate alignment adjustments during pipe laying



Dimension & Range

CODE NO.	DIMENSIONS		INLET SIZE	OUTLET SIZE	TYPE OF PIPE ENDS
	DIA	HEIGHT			
HCB 600	600	350	160	160/200	Spigot End
HCB 800	800	360	160	160/200	Spigot End
HCC 600	600	255	160	160/200	Socket End
HCC 800	800	345	160	160/200	Socket End

Tolerance: $\pm 3\%$ of the nominal dimensions given in the table

POLYCON

Waste Bin

Containers & Trolleys

New Product For
Environment Friendliness

Special Features

- ✦ Rotationally molded from high resistance UV Stabilized polyethylene
- ✦ Seamless, one piece construction
- ✦ Smooth seamless surface making it easy to clean
- ✦ Lightweight and easy to handle
- ✦ Recyclable, shock resistant & weatherproof
- ✦ No maintenance, no dents and no colour fading
- ✦ Available in standard Olive Green colour
- ✦ Custom made colours are available on request
- ✦ Your company's logo can be screen printed on request

Dimension
& Range

CAPACITY (Litre)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
120	460	540	880
240	590	730	1100

Tolerance: $\pm 3\%$ of the nominal dimensions as given in the table



240 Ltr.
Wheeler



Garbage
Collection
Trolley



25 Ltr.
Square
Refuse
Bin



110 Ltr.
Garbage
Bin



POLYCON Illuminated Planters

Bring elegance to your décor with Polycon Illuminated Planters/Flower Pots. These colourful, glowing flower pots are a stylish way to brighten up your garden, home or office. Their vibrant colours will lighten your apartment and add a contemporary touch to your living space.

In commercial spaces, hotels, restaurants or malls they can be used to create lit walkways or to enhance the ambiance. Our planters look great indoors or outdoors. Made from high grade polypropylene, in various sizes and colours, you can creatively blend them to suit your needs.

Dimension & Range

Square Planters

CODE NO.	DESCRIPTION	LENGTH mm	WIDTH mm	HEIGHT mm
PGL-S 60	Square 60 ltr	450	375	375
PGL-S 250	Square 250 ltr	1000	500	500
PGL-S 200	Square 200 ltr	600	600	600

Power Source: Electricity to be connected
No warranty for any accessories
Tolerance: ±3% of the nominal dimensions & thickness

Round Planters

CODE NO.	HEIGHT mm	DIAMETER mm
PGL-R 250	750	700
PGL-R 200	1000	500
PGL-R 100	425	500





POLYCON Air Conditioner **Cover** Clean up the air around you

Polyethylene Window Air Conditioner Cover

- ◆ 12 molded holes (lengthwise) and 16 holes (widthwise) for better air circulation
- ◆ Molded from FDA approved UV Stabilized Polyethylene
- ◆ Lightweight, strong, durable & rust-free
- ◆ Double-wall construction & smooth surface to allow easy cleaning
- ◆ Nestable Drip-tray for water collection also available at an extra cost
- ◆ Four molded holes on each side for easy installation
- ◆ Available in different colours

Dimension



LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
985	600	600

Tolerance: $\pm 3\%$ of the nominal dimensions as given in the table



POLYCON Products



...and more



Welcome
to POLYCON

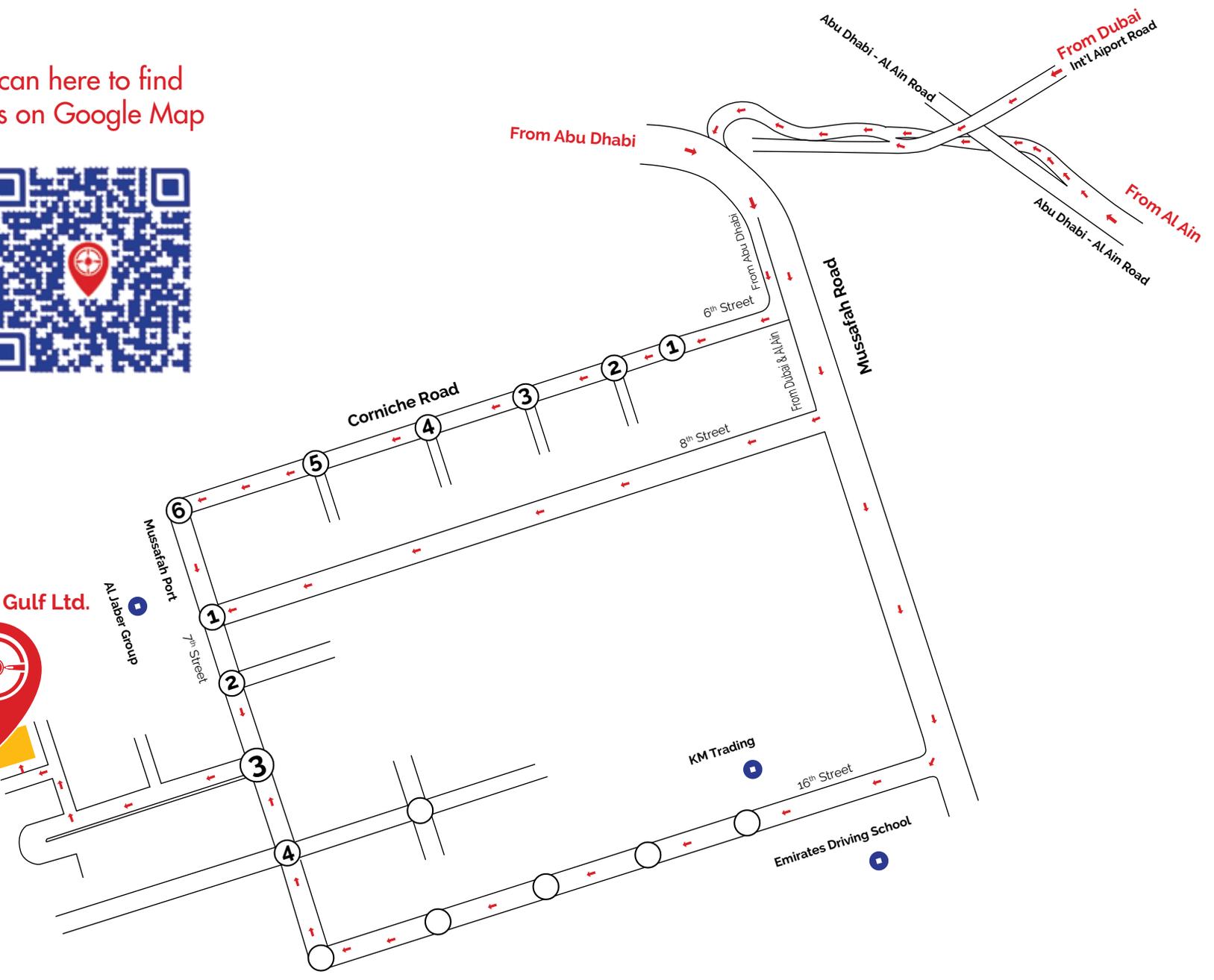
Scan here to find us on Google Map



Polycon Gulf Ltd.



Al Jaber Group





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