



مصنع النجوم للخزانات البلاستيكية (ذ.م.م.)

Stars Poly Storage Tanks Factory (L.L.C.)

هاتف: +971-4-3476200 - فاكس: +971-4-3476232
ص.ب: 37552 - دبي - الإمارات العربية المتحدة
Tel. : +971-4-3476200 - Fax : +971-4-3476232
P.O.Box : 37552 - Dubai - United Arab Emirates
E-mail: starspoly@yahoo.com
http://www.starspoly.com



Company Profile

STARS POLY STORAGE TANKS FACTORY L.L.C.

➤ Introduction:

Stars Poly Storage Tanks Factory was established in Dubai (United Arab Emirates) in 1999, to manufacture Plastic Products for buildings such as Storage Tanks, Road Barriers, Cones, and other rot molded products.

Stars Poly Storage Tank Factory is a part of a group of factories based in Dubai (United Arab Emirates) manufacturing different products for building, our other enterprises are:

1. **A. A. Juma Plastic Pipes & Fittings Industry Co. LLC**

Specialized in manufacturing drainage material like UPVC pipes fittings according to B.S. – DIN– JPS.

2. **Faris Plastic Pipes Factory.**

Presser fittings as BS. – DIN – Flexible conduit – braided hose – suction hose – safety helmet- chain pad.

➤ Polvethylene:

Polyethylene as a main raw material for the production of storage water tanks came as an alternative to solve the problems of using the existing fiberglass tanks to give more life, more protection and at the same time using a recyclable material.

Polyethylene is a high quality thermoplastic that has outstanding resistance to both physical and chemical attack. The overall general toughness and excellent chemical resistance to a wide array of wet and dry industrial chemicals and food products make polyethylene ideally suited for storage tanks and containers.

Polyethylene is translucent and its natural color range is slightly off white to creamy yellow depending up on the wall thickness and type. Ultraviolet light stabilizers are added for use in outdoor applications.

➤ Ultraviolet Light

Stars Poly Storage Tanks Factory uses the LLDPE, which includes UV Stabilizers, which greatly reduce the harmful effect of UV light. And for that reason a black layer is added to the product to ensure more protection from the UV light.

➤ The Products Range:

Stars Poly Storage Tanks Factory produce a wide range of tanks in polyethylene that starts from 50 to 6,000 US gallons in Vertical shape and 100 to 1,500 US gallons in Horizontal shape.





مصنع النجوم للخرانات البلاستيكية (ذ.م.م.)

Stars Poly Storage Tanks Factory (L.L.C.)

هاتف: +971-4-3476200 - فاكس: +971-4-3476232
ص.ب: 37552 - دبي - الإمارات العربية المتحدة
Tel. : +971-4-3476200 - Fax : +971-4-3476232
P.O.Box : 37552 - Dubai - United Arab Emirates
E-mail: starspoly@yahoo.com
http://www.starspoly.com



❖ **Wall Thickness and Layers:**

• **3 Layers Tanks:**

All tanks produced in 3 layers (white – black – white) as a standard product with a wall thickness range from 5 – 11 mm as per capacity with more concentration on the base of the tank that will bear the load of the water or liquid.

• **4 Layers Tanks:**

Stars Poly Storage Tanks Factory can produce on confirmed order **4 layers tanks** with additional wall thickness that range between 3mm to 4 mm more, which comes in (White – yellow – black –white).

• **4 Layers Tanks including foam layer:**

Stars Poly Storage Tanks Factory can produce on confirmed order 4 layers tanks which include one foam layer that gives a very high thickens for the body of the tank, to ensure more heat resistance.

❖ **Colors upon request:**

Stars Poly Storage Tanks Factory can produce tanks with any color that is suitable for the design of the building, which will be the outside layer (color availability will be Subject to food grade approved color).

Comparison between Tanks:

Properties	R.C.C.	Iron	F.R.P.	Plastic
Corrosion	no	yes	no	no
Fungus formations	yes	yes	yes	no
Heat resistance	poor	V. Poor	good	good
Portability	no	no	no	yes
Weight	V. heavy	heavy	light	V. light
Maintenance cost	high	V. high	low	low
Scrap value	zero	low	low	high
Average life	high	low	low	high
Risk of accidental	high	high	high	non
Contamination				
Installation time	V. high	high	high	low
Cracks/leakages	yes	yes	yes	no
Manufacturing	automatic	labor	labor	labor



مصنع النجوم للخزانات البلاستيكية (ذ.م.م.)

Stars Poly Storage Tanks Factory (L.L.C.)

هاتف: +971-4-3476200 - فاكس: +971-4-3476232
ص.ب: 37552 - دبي - الإمارات العربية المتحدة
Tel. : +971-4-3476200 - Fax : +971-4-3476232
P.O.Box : 37552 - Dubai - United Arab Emirates
E-mail: starspoly@yahoo.com
http://www.starspoly.com



➤ **In addition to the above advantages:**

- Plastic tanks have a good surface finish, and smooth inside body.
- Easy to clean.
- One molded piece tank (have no joints).

➤ **We also manufacture:**

- GRP Water Tank's.
- GRP Septic Tank's.
- GRP Cold Press Panel Tank's.

➤ **We are the U.A.E Dealer for:**

- "Hot Press Panel Tank's"
(B.K Korea & Sungel Korea)

➤ **We are the Middle East Dealer for:**

- SteelFab "Zinc alum Water Tank's"
- Avon "Flexible Storage Tank's"
- Fabric Solutions "Flexi & Pillow Tank's"

➤ **Approval's:**

All the Polyethylene Approved from:

- ISO 9001 : 2008.
- Srar Society of Asian Rotoulders.
- Private Department For H.H. Sheikh Zayed Bin Sultan Al-Nahyan. **(P.E)**
- Abu Dhabi Distribution Co. **(P.E)**
- Head of Military Works. **(P.E)**
- Islamic Affaris & Charitable Activities Department. **(P.E)**
- Dubai Municipality. **(P.E)**
- AlHoty – Stanger. **(P.E)**
- Sharjah Municipality. **(P.E)**
- Al-Futtaim Bodycote. **(P.E)**
- Arab Center For Engineering Studies. **(P.E)**
- Ramahi Engineering Consultancy. **(P.E)**
- Square General Contracting Co. L.L.C. **(P.E)**
- Abu Dhabi Municipality & Town Planning. **(P.E)**
- Engineering Contracting Co. L.L.C. **(P.E)**
- Musanada. **(P.E)**
- Ministry Of Public Wotks. **(P.E + GRP)**
- Gulf Contractors. **(GRP)**
- Crancknell. **(GRP)**
- Parsons International Limited. **(GRP)**
- Cirta Electromechanical Contracting. **(GRP)**
- Abu Dhabi Distribution Co. **(PANEL)**