Ajman (Head Office) Tel: +971 6 74 68 668	**Abu Dhabi** Tel: +971 2 55 51 667	**Sharjah - Ind. Area** Tel: +971 6 53 45 115	**Sharjah - MBZR** Tel: +971 6 53 52 569
Al Ain Tel: +971 3 72 17 368	**Dubai - Al Rashidiya** Tel: +971 4 28 44 428	**Dubai - Al Aweer** Tel: +971 4 33 32 424	**Dubai - Al Qouz** Tel: +971 4 34 00 042

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International Factories LLC

POLYETHYLENE HIGH DENSITY TANKS

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POLYETHYLENE HIGH DENSITY

POLYETHYLENE
High Density (HD) Tanks
(Blow Mold Technology)

Al Bassam continuous interest in innovative ideas to offer its customers the best, has made us invest towards a best technology for making water tanks and plastic products by Blow Molding Technology.

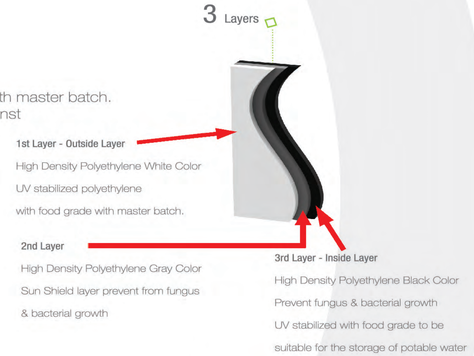
Al Bassam owns the world's biggest Blow Molding machine which can manufactured up to 5000 USG.

HD Tank is the latest innovation & made out of tough High Density Polyethylene through the latest manufacturing technologies, machines & molds using the best & highest quality of raw materials which gives the unprecedented strength of the tank.

3 LAYERS

- Polyethylene White Color
  - UV stabilized polyethylene with food grade with master batch.
  - UV Layer provides the tank, a resistance against ultraviolet rays.
- Polyethylene Gray Color
  - Sun Shield layer prevent from fungus & bacterial growth
- Polyethylene Black Color
  - Prevent fungus
  - Prevent Bacterial Growth

  UV stabilized with food grade to be suitable for the storage of potable water



4 LAYERS

- Polyethylene White Color
  - UV stabilized polyethylene with food grade with master batch.
  - UV Layer provides the tank, a resistance against ultraviolet rays.
- Polyethylene Black Color
  - Sun Shield layer
  - Prevent Fungus
  - Prevent Bacterial Growth
- Polyethylene Thermal Insulation Gray Color
  - Reduction of heat transmission and act like a barrier from outside to the water stored inside the tank.
- Polyethylene Black Color
  - Prevent fungus
  - Prevent Bacterial Growth

  UV stabilized with food grade to be suitable for the storage of potable water

POLYETHYLENE HIGH DENSITY TANKS
BLOW MOLD TECHNOLOGY DESIGN & SPECIFICATIONS

HORIZONTAL TANKS

Capacity / سعة			الطول سم	العرض سم	الارتفاع سم	عدد الأرجل
U.S Gallons. جالون الولايات المتحدة.	Liters. / ليتر.	M3 / متر مكعب.	Length CM	Width CM	Height CM	Legs / Nos.
35	132.5	0.14	76.00	51.0	59.0	2
100	378.6	0.38	111.3	76.6	89.4	4
150	567.9	0.57	127.2	87.5	100.4	4
200	757.1	0.76	138.4	95.2	108.2	4
250	946.4	0.95	147.9	101.8	114.8	4
300	1135.7	1.14	159.0	109.4	122.6	4
400	1514.2	1.52	176.8	122.8	128.1	4
500	1892.8	1.90	190.3	132.2	137.3	4
600	2271.3	2.28	202.3	140.5	145.4	4
800	3028.4	3.10	221.8	154.1	158.7	4
1000	3785.5	3.80	239.8	166.6	170.9	4
1200	4542.5	4.55	254.7	176.9	181.0	4
1500	5678.2	5.70	275.8	191.6	195.3	4

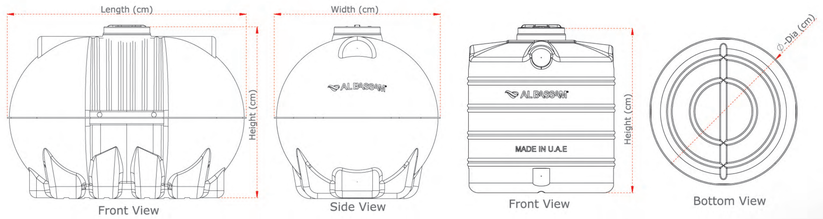
Actual Capacity May Vary ± 2 %

**All mentioned tank sizes manhole outer diameter is 45 CM

VERTICAL TANKS

Capacity / سعة			الارتفاع سم	القطر سم
U.S Gallons. غالونات امريكيا.	Liters. / ليتر.	M3 / متر مكعب.	Height CM	Diameter CM
50	189.3	0.19	72.00	65.00
100	378.6	0.38	90.00	79.00
150	567.9	0.57	110.00	87.00
200	757.1	0.76	121.00	96.00
300	1135.7	1.14	140.00	109.00
400	1514.2	1.52	152.00	120.00
500	1892.8	1.90	162.00	130.00
600	2271.3	2.28	173.00	137.00
800	3028.4	3.10	190.30	151.60
1000	3785.5	3.80	204.20	165.60
1200	4542.5	4.55	213.30	178.60
1500	5678.2	5.70	232.00	189.10
2000	7570.1	7.60	254.30	208.30
3000	11356.3	11.40	289.90	238.20
5000	18927.1	19.00	318.30	283.20

Actual Capacity May Vary ± 2 %



POLYETHYLENE HIGH DENSITY

وجود اسم البسام و الحجم و تاريخ الصنع محفورًا على جسم الخزان.

The brand name & capacity & Date of production are engraved on each tank.

يتكون جسم الخزان من دعائم لزيادة قوة الخزان
معالجة الطبقة الخارجية لكي تقاوم أقسى العوامل الجوية

Strong ribs to give extra strength to the tank Al Bassam Tanks are able to withstand all weather conditions

تتألف خزانات البسام
من عدة طبقات.

Al Bassam Tanks are available in multilayers

توزيع سماكة و كثافة المواد في جسم
الخزان يعتمد على حجم و تصميم الخزان

The thickness & the density of the material vary with the design & the capacity of the tank

غطاء حلزوني الشكل و محكم الإغلاق و مُصنّع من نفس
مادة الخزان لمنع دخول الغبار و الحشرات و الهواء و الضوء.
مع فتحة تهوية مدمجة والتى تقلل درجة الحرارة من ٥ إلى
٧ درجات مئوية.

**Threaded lid is provided to avoid entrance of any foreign materials.
with built-in Airvent that reduces water temperature from 5° - 7° C.**

يتكون الخزان من قطعة واحدة حيث أنه لا يتم
استخدام أية مواد لاصقة أو كيميائية عند الفواصل.

The tank consists of a single piece, adhesives or chemicals have not been used at the joints

تُصنع خزانات البسام بأحجام مختلفة تبدأ من
٣٥ جالون أمريكي ولغاية ٣,٠٠٠ جالون أمريكي

Al Bassam Tanks are available in different capacities starting from 35 U.S. Gallons to 3,000 U.S. Gallon

فتحات دخول و خروج الماء مصنوعة
من مادة مُعمرة و بأحجام متباينة.

Plastic inlets & outlets are availible in diffrent sizes

تُصنع خزانات البسام بأشكال مختلفة أفقي و عمودي لتلبي جميع الأذواق و الإحتياجات.

Al Bassam Tanks are available in Vertical & Horizontal shapes

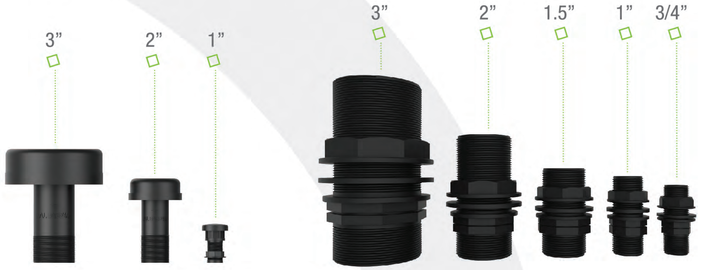
POLYETHYLENE HD TANKS
SPECIFICATIONS

- Light weight
- More flexible
- Long life span
- Less thickness
- Inbuilt air vent
- Color guarantee
- Bigger fitting inlet
- Innovative design
- Easy Maintenance
- Environment friendly
- Three times greater strength, proven and tested
- Food grade material

POLYETHYLENE HIGH DENSITY

ALBASSAM
TANK ACCESSORIES

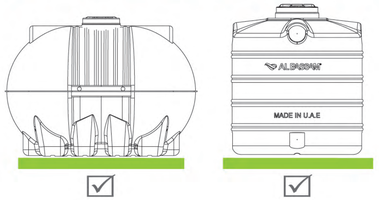
Plastic Tank Lid

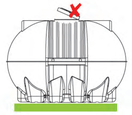


“ Al Bassam has 10 branches all over the United Arab Emirates

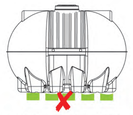
To make it easy to reach for our clients, Al Bassam has a huge fleet of 52 vehicles ready to serve you at your doorsteps.

ALBASSAM
POLYETHYLENE TANK
SAFETY INSTRUCTIONS



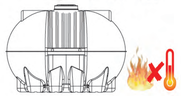


عدم ترك الخزان مفتوح
Keep the tank cover closed at all the times
(No warranty)

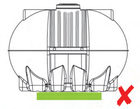


عدم وضع الخزان على قاعدة غير مستوية
Not to place the tank on uneven base

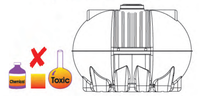
عدم وضع الخزان على قاعدة مائلة
Not to place the tank on slanted base
(No warranty)



إبعاد الخزان عن مصادر الحرارة العالية
Keep the tank away from fire & high temperature sources
(No warranty)



يجب أن تكون القاعدة كافية تحت الخزان
The foundation must fit under the tank
(No warranty)



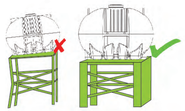
عدم وضع مواد كيميائية إلا بموافقة الشركة
Not to put chemicals except with the consent of the company

عدم كشط جسم الخزان بأدوات حادة
Not to scrape the tank with sharp objects
(No warranty)

إلتزام الحذر أثناء تحميل و تنزيل الخزان
Caution when loading & unloading the tank
(No warranty)

إبعاد الخزان عن خطوط التيار الكهربائي
Keep the tank away from electricity / power lines

يجب عدم وضع مياة داخل الخزان اثناء نقلة فهي سيارة من مكان الي اخر
Don't Drive with water in the tank
(No warranty)



يجب وضع الخزان على قاعدة قوية
The tank should be placed on a strong base
(No warranty)

SINCE
1968