

Tanks and storage containers made of polyethylene

From 570 to 4,000 liters, plastic storage containers deliver the ideal solution for almost any application.

Process water, surge water in swimming pool construction, industrial wastewater, fire water, cooling water, rainwater and greywater.

The HD-PE used is physiologically safe and meets the requirements of the German Federal Institute for Risk Assessment (BfR). HD-PE is food safe and chemical resistant.

PE storage tanks are also suitable and approved for water-polluting liquids. More on page 64 and the certificates for the individual products at www.dehoust.com.



Our products:

- ▶ **Plastic storage tanks DF**
- ▶ **Plastic storage tanks AQF**
- ▶ **Collecting trays, round tanks and rectangular tanks**



Heat.
Energy. Water.

STORAGE & UTILIZATION

3

Plastic storage tanks



PE 2000DF with Basic package 971565

HD-PE is physiologically harmless and complies with BfR Recommendation III Polyethylene as well as the KTW Guideline for domestic installations and the KSW Recommendation for drinking water installations.



Flange with stopcock

Wide range of applications

The versatile plastic storage tank type PE-DF made of high-quality polyethylene (HD-PE) is resistant to numerous media and suitable up to a density of 1.15 g/cm³.

The PE storage container is optimally designed for indoor storage. The slight transparency of the natural-colored tanks allows visual level control at all times.

The lower flange can be drilled to connect a valve or to join the tanks. (see installation manual).

The tanks are also available in black polyethylene for an extended range of use and increased UV resistance.

HD-PE is chemical resistant, physiologically harmless and food safe. The tanks meet the requirements of the KTW assessment basis, appendix A (as of 2021-03) in drinking water domestic installations and swimming pool construction in the cold and hot water sector.

PE storage tank with galvanized steel banding, dome DN 400 and bottom connection flange

Article no.	Description	Dimensions mm (L x W x H)	Weight
971294	PE 1100 DF natural	1,400 x 720 x 1,400	55 kg
971301	PE 1100 DF black		
971295	PE 1500 DF natural	1,560 x 720 x 1,640	70 kg
971303	PE 1500 DF black		
971253	PE 2000 DF natural	2,070 x 720 x 1,690	110 kg
971305	PE 2000 DF black		
971605	PE 2500 DF natural	1,870 x 995 x 1,650	115 kg
971306	PE 2500 DF black		
971593	PE 3000 DF natural	2,230 x 995 x 1,650	165 kg
971307	PE 3000 DF black		
971589	PE 4000 DF natural	2,430 x 995 x 1,950	235 kg
971309	PE 4000 DF black		

Article no.	Description
Stopcock for single tank	
971641	Stopcock 1 ½" with PP flange 1 ½" for single tank
971642	Stopcock 2" with PP flange 2" for single tank

PE storage tank – type DF

Accessories lower circulation line for unlimited storage volume



Accessories 1x base, 3x extension



Article no.	Description
-------------	-------------

Accessories Battery installation with individual shut-off for storage tank PE-DF	
--	--

971565	Basic package DF connecting pipe DN 50 for 2 PE Dom tanks with two 1 ½" taps
971570	Extension DF for connecting further PE Dom tanks with a 1 ½" tap

Lower connection line with connection flange and stopcock 1 ½" for PE storage tanks for on-site connection plastic pipe DN 50 (outer diameter 63 mm).



Article no.	Description
-------------	-------------

Accessories Battery installation with individual shut-off for storage tank PE-DF	
--	--

971555	Basic package DF connecting pipe DN 50 for 2 PE-Dom tanks
971560	Extension DF for connecting additional PE-Dom tanks
71645	Stopcock 2" for shutting off the connecting line DN 50
62276	Venting hood 2"

71645 Stopcock with 2" IT for shutting off the connecting line.



Lower connection line 2" without individual shut-off of the tanks.



Round tanks and rectangular tanks



Double plastic flange made of PE with GRP loose flange

Individual solutions from serial production

Storage tanks from Dehoust are very often the inexpensive solution for the storage of liquids thanks to series production on state-of-the-art blow molding lines.

Because the company has its own plastics workshop, further application possibilities and advantages are opened up for the customer: the welding in of additional nozzles and additional dome DN 600, the fitting of flanges and distribution pipes are carried out by Dehoust's internal specialists.



Connection pipe with 2" female thread

The right solution for whatever you need

Specially adapted accessories make the use of PE tanks even easier.

A broad range of applications in process technology, swimming pool construction and fire-fighting water technology require large quantities of water in a short time. Appropriately dimensioned flange connections ensure the right volume flows and the balancing of the tank performance. The additional piping is laid without tension.



The tanks can be equipped with DN 600 access dome instead of DN 400.



Additional connections not for tanks with general technical approval.

PE Secondary containment dikes



PE catch basins

Z-40.22-152

Article no.	Description	Dimensions mm (L x W x H)	Weight
930074	PE-W 2000	2,500 x 1,350 x 760	130 kg
930075	PE-W 2500	2,500 x 1,600 x 760	145 kg
930076	PE-W 3000	2,600 x 1,600 x 910	225 kg
930077	PE-W 4000	3,085 x 1,685 x 1010	265 kg



Secondary containment dikes can also be manufactured with intermediate dimensions within the scope of the approval.

The item number leads to the admission and extensive media list.

Our plastic workshop will construct your individual container for you

When the requirements go beyond the serial production: Customized round tanks and rectangular tanks made of HD-PE.

Special plastic container construction rounds out Dehoust's range of products and services: Plastic catch basins with test marks and customer-specific rectangular and round tanks are made of PE sheets. Modern production facilities and welding processes, together with certified welders and experienced employees ensure consistent high quality. We work together closely with the SKZ Würzburg and the SLV Mannheim.



Plastic storage tanks

Also suitable for drinking water installations



AQF 750 and 1000

PE storage tanks for drinking water and process water

AQF series plastic storage tanks are made of high quality polyethylene. The blue coloring makes them ideally suited for the storage of drinking water and process water. The formation of algae is prevented over the long term.

The tanks are equipped as standard with a top cover 240 mm and 2 screw connections 2" or a cover 540 mm. A lower connection S 56x4 can be used for mounting drain cocks or for the lower connection line.

PE storage tanks AQF 750 and 1000 with single bottom connection

Article no.	Description	Dimensions mm (L x W x H)	Weight kg
61176	AQF 750 with cover 240 mm and 2 screw connections 2"	720 x 720 x 1,720	24
61196	AQF 1000 with cover 240 mm and 2 screw connections 2"	780 x 780 x 2,000	30



AQF in size 570 and 690 with wide neck



AQF 570 and 690 with hand hole

PE tank AQF wide neck and two lower connections

Article no.	Description	Dimensions mm (L x W x H)	Weight kg
61200	AQF 570 with upper opening 540 mm	720 x 720 x 1,420	19
61210	AQF 690 with upper opening 540 mm	720 x 720 x 1,695	23

PE storage tanks AQF 570 and 690 with single bottom connection

Article no.	Description	Dimensions mm (L x W x H)	Weight kg
61206	AQF 570 with cover 240 mm and 2 screw connections 2"	720 x 720 x 1,430	19
61216	AQF 690 with cover 240 mm and 2 screw connections 2"	720 x 720 x 1,700	23

PE storage tanks – type AQF

Accessories battery set-up

The lower connection line creates flexible and easy to install tank systems.



Article no.	Description
971765	Basic package connecting pipe DN 50 for 2 tanks AQF with 2 taps 1 1/2"
971770	Extension for connecting further AQF with single tap 1 1/2"
71645	Stopcock 2" for shutting off the connecting line DN 50



971765 AQF connecting pipe DN 50

When using a bottom connection, ensure sufficient ventilation.



AQF 1500 and 1100



971755 AQF connecting pipe DN 25



PE storage tanks AQF 1100 and 1500 with bottom connection 1 1/2"

Article no.	Description	Dimensions mm (L x W x H)	Weight kg
61280	AQF 1100 with cover 240 mm and 3 screw connections 2"	1,530 x 760 x 1,350	38
61290	AQF 1500 with cover 240 mm and 3 screw connections 2"	1,530 x 760 x 1,730	48

Article no.	Description
971755	Basic package connecting pipe DN 25 for 2 tanks AQF
971760	Extension to connect further AQF
71681	Stopcock 1"/DN 25 for shutting off the connecting line

AQF tanks are available in black and customized in special colors