

Single-walled and double-walled plastic tanks with approval (DIBt)

Storage tanks made of polyethylene (HD-PE) are suitable for the storage of a range of different liquids. The media mentioned in the general building approvals of the DIBt represent only a portion of the possible applications. We would be happy to advise you if you have special requirements.

Below you can see the plastic storage tanks up to 4,000 liters in single-wall design for installation in catch basins or construction site catch basins.

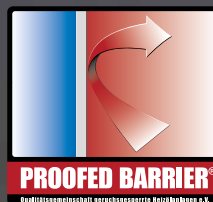
The double-walled tanks of the TrioSafe and PE Kombi series offer the double safety required for the storage of water-polluting liquids. This means no secondary containment on site required.



Our products:

- ▶ Single-walled storage tanks PE DF
- ▶ Double walled storage and collection tanks
- ▶ Double-walled fuel oil tanks TrioSafe and PE Kombi

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**JUST A FEW EASY STEPS AND
YOU CAN BE INDEPENDENT FROM
SUPPLY AND PRICE FLUCTUATIONS**



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Plastic storage tanks

Plastic tanks for fresh and used oils, coolant ethylene glycol and concrete admixtures



Wide range of uses and applications

Plastic storage tanks are made of HD-PE using the blow molding method. They are an inexpensive solution when it comes to storing liquids that are hazardous to water.

The general technical approval specifies the media permitted in individual tanks. For more information, please enter the item number in the search box on the website.

The required secondary protection is provided by our secondary containment dikes which are approved by DIBt and water law, or by a catch basin provided by the customer.

PE storage tanks with galvanized steel banding, dome DN 400, Z-40.21-138



Article no.	Description	Dimensions mm (L x W x H)	Weight
971253	PE 2000 D	2,070 x 720 x 1,690	110 kg
971605	PE 2500 D	1,870 x 995 x 1,650	115 kg
971593	PE 3000 D	2,230 x 995 x 1,650	165 kg
971589	PE 4000 D	2,430 x 995 x 1,950	235 kg



Concrete admixtures and mortar admixtures

Concrete admixtures are water hazard category 1 liquids and may only be stored in approved containers.

The DIBt confirms the suitability of the PE storage tanks for the current concrete admixtures with the substance list in the DIBt approval 40.21-138.

The Triosafe storage tanks with integrated catch basins are also approved for concrete admixtures.



AdBlue® Storage tanks

Plastic containers and PE catch basins for AdBlue® and used photographic chemicals



PE storage tanks with coated reinforcements

Z-40.21-138

Article no.	Description	Dimensions mm (L x W x H)	Weight
971293	PE 1100 D KB	1,400 x 720 x 1,400	55 kg
971597	PE 2000 D KB	2,070 x 720 x 1,690	110 kg
971596	PE 2500 D KB	1,870 x 995 x 1,650	115 kg
971595	PE 3000 D KB	2,230 x 995 x 1,650	165 kg
971590	PE 4000 D KB	2,430 x 995 x 1,950	235 kg



PE Secondary containment dikes for AdBlue® tanks

Z-40.22-152

Article no.	Description	Dimensions mm (L x W x H)	Weight
930105	PE-W 2000 AdBlue®	2,470 x 1,120 x 1,360	255 kg
930097	PE-W 2500 AdBlue®	2,250 x 1,400 x 1,360	270 kg
930098	PE-W 3000 AdBlue®	2,600 x 1,400 x 1,360	290 kg
930099	PE-W 4000 AdBlue®	2,800 x 1,400 x 1,610	325 kg

further secondary containment dikes on page 59



Plastic storage tanks are the basis for AdBlue® stations from various manufacturers. The outstanding features are constantly opening up new areas of application.

The Triosafe storage tanks with integrated secondary containment dikes are also approved for AdBlue®.

For underground installation and for larger storage quantities, we supply double-walled tanks made of steel/stainless steel – more on page 19.

Plastic diesel tanks

Double-walled – with secondary containment dike, easy to set up



For the independent, secure supply of industry and commerce, agriculture, fire and rescue services



PE Kombi storage and collection tanks

One tank system with a lot of advantages:

- ▶ Compact design with accessible, ventilated console
- ▶ Inner tank made of high-quality polyethylene (HD-PE)
- ▶ Water-law and building-law approval from the DIBt Z-40.21-53
- ▶ Integrated secondary containment dike made of galvanized sheet steel on both sides, tightly welded without additional seals
- ▶ Visual leakage indicator and content indicator as well as venting hood as standard equipment
- ▶ Installation also in earthquake-prone areas

TANKS WITH INTEGRATED CATCH BASIN, SECONDARY PROTECTION AS STANDARD



Product example:

Diesel tank unit PE Kombi complete with electric pump

Article no.	961361	961360
Length	1100 mm	1100 mm
Width	700 mm	700 mm
Height with pump	1850 mm	1500 mm
Contents	1000 l	720 l
Pump output	32 l/min	32 l/min



PE Kombi diesel tanks and battery accessories at a glance

Article no.	Description	Dimensions mm (L x W x H)	Weight
961301	PE Combi 720 VS	1100 x 700 x 1200	68 kg
961302	PE Combi 1000 VS	1100 x 700 x 1600	84 kg

Diesel tank batteries (upper filling and extraction system)	
952450	Main package PE Kombi diesel DE-A-01 for the first tank
952451	Extension package PE Kombi diesel DE-A-01 for each additional tank

Product example 2 series diesel battery: 2x 961301, 1x 962450 und 1x 962451

Storage and collection tanks

Storage tanks from Dehoust with integrated secondary containment dikes provide sufficient storage volume for the storage of operating materials such as diesel, engine and hydraulic oils in individual tanks and diesel tank systems up to 5,000 liters.

Dehoust storage tanks are made of high quality polyethylene (HD-PE), which for decades has proven its effectiveness in the storage of heating oil and diesel fuel, motor oil and many other chemicals. The PE Kombi tank and TrioSafe container systems are supplied with an integrated catch basin which eliminates the need for additional secondary protection or catch systems.

The systems have a general building code approval from DIBt and are easy to install in buildings. Pumps for the various applications complete the range.

Storage tanks for fresh oils, hydraulic oils, engine oils

The various pumps are ideally mounted on a console (910194). You can find a large selection of pumps in our data sheets.

Article no.	Description	Dimensions mm (L x W)	Height with pump
961380	Fresh oil tank 720 with pump	1,100 x 700	1,450/1,600
961381	Fresh oil tank 1000 with pump	1,100 x 700	1,850/2,000



PE Kombi storage and collection tanks – the ideal waste oil collection tank

PE Kombi tanks are expressly approved for the storage of fresh and used mineral oils (oils of known origin). The lockable waste oil funnel makes the storage of used engine and hydraulic oils simple and safe. The lockable hopper guarantees that the container is only used by qualified personnel.

Article no.	Description	Dimensions mm (L x W)
961370	Waste oil collection tank Kombi 720	1,100 x 700 x 1,400
961371	Waste oil collection tank Kombi 1000	1,100 x 700 x 1,800



Pilot Project University Police Baden-Württemberg in Biberach ©DUC KEK Ulm

Day tank and storage tank for emergency power systems

More connection options for measuring and control equipment with adapter sets

Tanks for emergency power systems, lubricating oil storage tanks for CHP units and other machines as well as day tanks place higher demands on measurement and control equipment.

With our adapter set and special combinations, we take this into account and enable the use of the PE Kombi tanks and TrioSafe tanks for use as day tanks and storage tanks.



Article no.	Description	Dimensions mm (L x W x H)
961385	Day tank 720 with basin	1,100 x 700 x 1,300
961386	Day tank 1000 with basin	1,100 x 700 x 1,700

Storage tanks

Plastic storage tanks with cleaning opening Z-40.21-310



Double-walled plastic storage tanks with cleaning opening

Article no.	Description	Dimensions mm (L x W x H with pump)
961509	Storage tank TrioSafe 750 with cleaning opening	780 x 780 x 1.710
961515	Storage tank TrioSafe 1000 with cleaning opening	810 x 810 x 1.990
961546	Storage tank TrioSafe 1100 with cleaning opening	1.580 x 780 x 1.360
961536	Storage tank TrioSafe 1500 with cleaning opening	1.580 x 780 x 1.740

Approved media according to abZ

1. Heating oil EL in accordance with DIN 51603-17,
2. Heating oil DIN 51603 - 6 EL A Bio 5 to Bio 15 in accordance with DIN SPEC 51603-68 with addition of FAME in accordance with DIN EN 142149; no additional alternative components,
3. Diesel fuel in accordance with DIN EN ISO 59010,
4. Fatty acid methylester in accordance with DIN EN 142149 (biodiesel),
5. Lubricating, hydraulic, heat transfer oils Q, alloyed or unalloyed, burning point > 55 °C,
6. Lubricating, hydraulic, heat transfer oils Q, used, burning point > 55 °C
7. Vegetable oils such as cottonseed, olive, canola, castor, or wheat germ oil in any concentration that is not used as food or for the production of food products,
8. Ethylene glycol (CH₂OH) used as an antifreeze for radiators,
9. Photographic chemicals (commercially available) in use concentration (new and used) with a density of max. 1.15 g/cm,
10. Ammonia water (solution) NH₃OH, to the saturated solution,
11. Pure urea solution 32.5% used as NO_x reducing agent (e.g. AdBlue®) in accordance with DIN 7007011, with a density of max. 1.15 g/cm³,
12. Concrete admixtures in accordance with DIN EN 934-212 with a density of max. 1.15 g/cm³



No.9-12 not in combi tanks; the following provisions apply the abZ; in practice, PE containers have proven themselves effective for the storage of a broad range of media

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Storage tank TrioSafe 750 to 1500 Z40.21 310



Article no.	Description	Dimensions mm (L x W x H with pump)
961503	Storage tank TrioSafe 750	780 x 780 x 1,710
961541	Storage tank TrioSafe 1100	1,580 x 790 x 1,360
961523	Storage tank TrioSafe 1500	1,580 x 790 x 1,740
961370	Collection tank 720 with waste oil funnel	1,100 x 700 x 1,400
961371	Collection tank 1000 with waste oil funnel and step	1,100 x 700 x 1,800

The right solution for whatever you need ...

... and catch basin included!

The TrioSafe tanks are storage tank and secondary containment in one. It could not be easier to ensure safety when it comes to storing water-hazardous substances, such as concrete admixtures, AdBlue® or even diesel fuels and oils.



Double-walled diesel tank system and day tank

Article no.	Description	Dimensions mm (L x W x H with pump)
961570	Diesel tank unit TrioSafe 1500 VS complete with electric pump	1,580 x 790 x 2,000
961585	Storage tank TrioSafe 1500 VS	1,580 x 790 x 2,000



TrioSafe Plus – double-walled heating oil tanks

750 to 9,000 liters total volume

Sealed tight: with proven odor barrier



Product advantages:

- ▶ Corrosion-free inner tank made of HD-PE, seamlessly blown
- ▶ Additional diffusion barrier PE Plus with regular review by the Fraunhofer Institute
- ▶ Secondary protection tested for leak resistance as standard – thus space-saving set-up
- ▶ Variable installation up to 6 containers of one size
- ▶ DE-A-01 safety accessories for safe filling and operation
- ▶ Tank content indicator
- ▶ Translucent outer wall eliminates the need for a leak detection system



Dimensions TrioSafe 750/1000

Z-40.21-310

Article no.	Description	Length	Width	Height	Weight
961501	TrioSafe 750 Plus	780 mm	780 mm	1,710 mm	44 kg
961510	TrioSafe 1000 Plus	810 mm	810 mm	1,990 mm	56 kg

Dimensions TrioSafe 1100/1500

Z-40.21-310

Article no.	Description	Length	Width	Height	Weight
961540	TrioSafe 1100 Plus	1,580 mm	790 mm	1,360 mm	62 kg
961520	TrioSafe 1500 Plus	1,580 mm	790 mm	1,740 mm	76 kg



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TrioSafe doubly safe with its PE-Plus inner tank and integrated secondary containment dike.



TrioSafe series heating oil tanks and storage tanks provide double safety:

Inner tank and outer tank are seamlessly blown from one piece and as a unit for the storage of various water-hazardous liquids with the general building inspection approval of the DIBt. Z-40.21-310 approved The liner complies with EN 13341.

More information on the wide range of applications for double-walled plastic tanks is available in our videos:



Innovative storage systems

FOR SAFE HEATING OIL STORAGE
WITHOUT THE ANNOYING ODOR

TANK ADVANTAGES

Mechanical content indicator for each tank

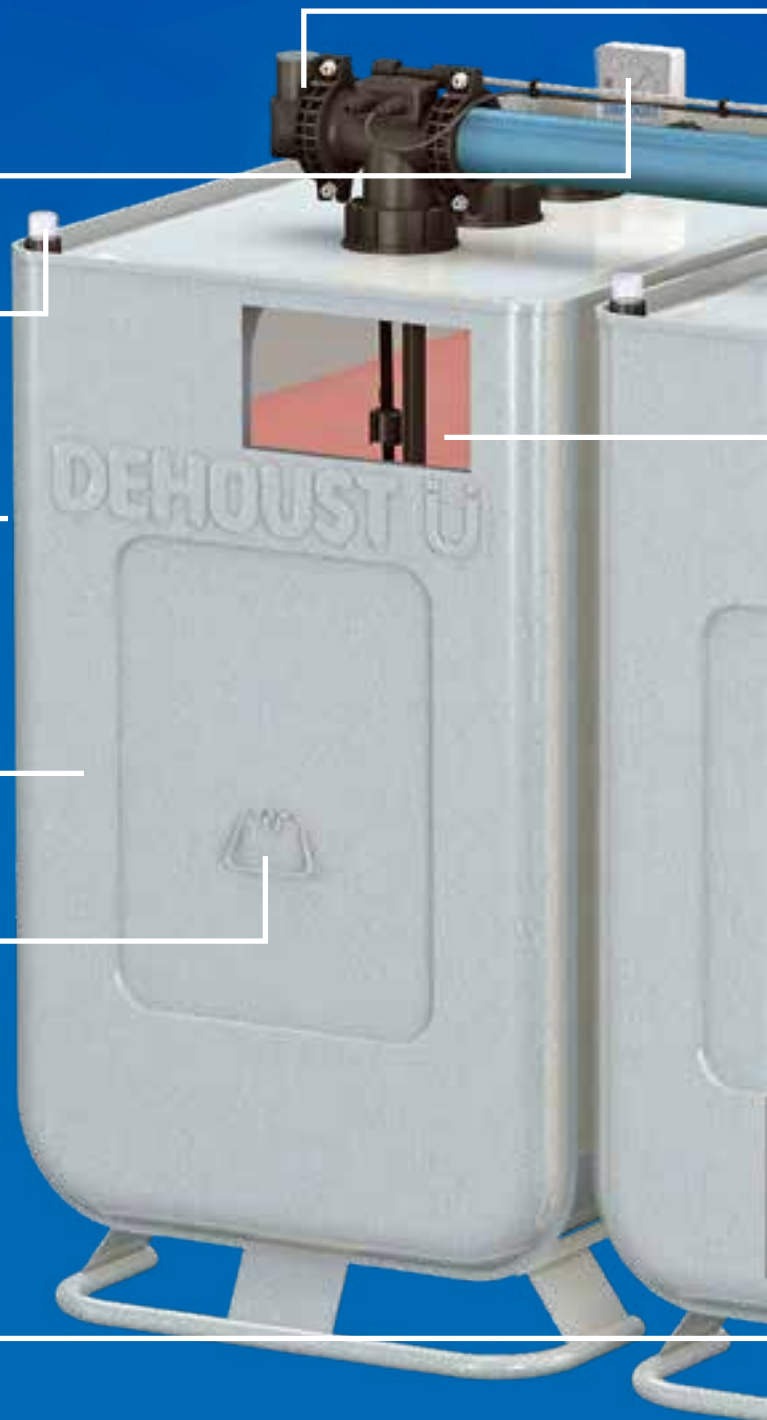
Leakage detection

Permanent secondary protection with the secondary containment dike

Protection of the filling material (bio, heating oil and e-fuels) from aging due to light exposure

Handles make transport easy

Corrosion-free PE tank with additional diffusion barrier PE-PLUS



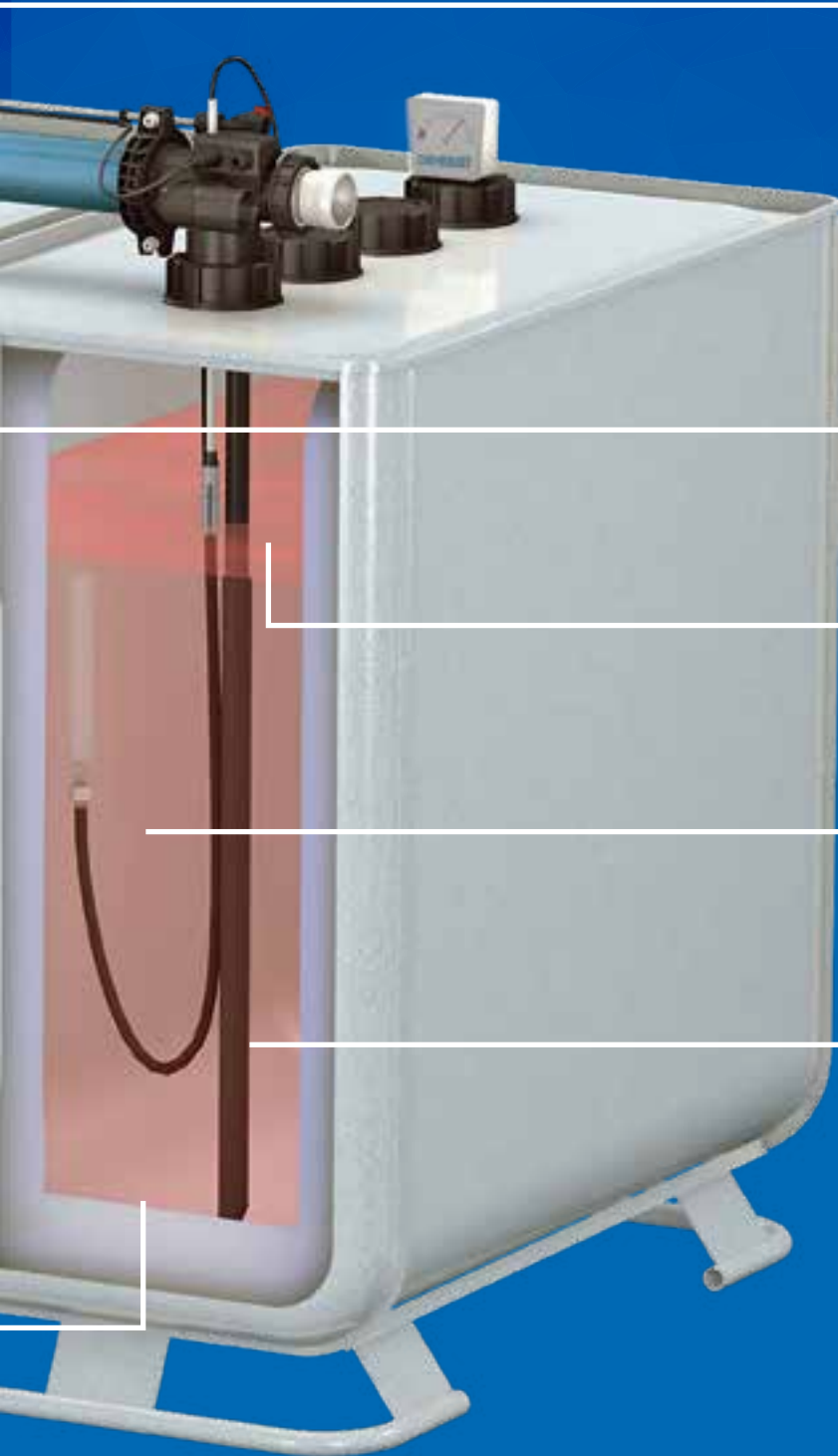
Dimensions PE Kombi 720/1000

Z-40.21-53

Article no.	Description	Length	Width	Height	Weight
961201	PE Kombi 720 PLUS	1,100 mm	700 mm	1,200 mm	68 kg
961202	PE Kombi 1000 PLUS	1,100 mm	700 mm	1,600 mm	84 kg



EN 13341



DE-A-01

Ventilation can be installed on either the first or last tank

The GWG chain monitors each tank during filling

Limit switch with metal sleeve

Floating extraction

Telescopic foam pipe for all tank sizes

Safety accessories with GWG chain



DE-A-01