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# PE STORAGE TANKS

Operation and installation manual



# These installation and operations apply to storage containers:

PE 1100 DF    Article number    971294 and 971301

PE 1500 DF    Article number    971295 and 971303

PE 2000 DF    Article number    971253 and 971305

PE 2500 DF    Article number    971605 and 971306

PE 3000 DF    Article number    971593 and 971307

PE 4000 DF    Article number    971589 and 971309



**Mehr Informationen im Internet: einfach die Artikelnummer im Suchfeld eingeben.**



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The screenshot shows the DEHOUST website interface. At the top, there is a navigation bar with the DEHOUST logo and links for Unternehmen, Produkte, Download, Presse, and Kontakt. A search bar is located in the top right corner, highlighted with an orange circle. Below the navigation bar, there is a large banner image showing several white and blue storage containers. To the right of the banner, there is a sidebar with a search bar and a list of products. The main content area displays a list of products under the heading 'Kunststoff-Lagerbehälter PE-DF'. The products listed are PE 1100 DF, PE 1500 DF, PE 2000 DF, PE 2500 DF, PE 3000 DF, and PE 4000 DF. Each product has a small image and a link to 'Details' or 'Prospekt'.

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**Kunststoff-Lagerbehälter PE-DF**

Kunststoff-Lagerbehälter aus hochwertigem Polyethylen (HD-PE) werden in den verschiedensten Branchen eingesetzt. Sie können immer dann zum Einsatz, wenn es um preiswerte Behälter zur drucklosen Lagerung geht. Das eingetragene Material ist physikalisch unbedenklich.

Naturfarbene Behälter werden vorwiegend in Lebensmittel-Bereichen, schwarze Behälter können auch im Freien eingesetzt werden.

Über die Verwendung von diesen Behältern zur Lagerung von Wasser gehen wir in unseren Broschüren, die Zulassungen unterliegen, ausführlich auf, sich jeweils vor Einsatz der Behälter mit den zuständigen Behörden in Verbindung zu setzen.

Die Behälter haben einen grundsätzlichen Füllungsgrad von 90%, der nach der Füllmenge variiert werden kann.

Produkte > Kunststoff Lagerbehälter PE-DF und AQF > Kunststoff Lagerbehälter: PE-DF natur > (3)

- > **PE 1100 DF**  
> Details > Prospekt
- > **PE 1500 DF**  
> Details > Prospekt
- > **PE 2000 DF**  
> Details > Prospekt
- > **PE 2500 DF**  
> Details > Prospekt
- > **PE 3000 DF**  
> Details > Prospekt
- > **PE 4000 DF**  
> Details > Prospekt

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# Installation and Operation Manual for Plastic Storage Tanks PE-DF

## 1. TRANSPORT AND STORAGE

When storing and transporting the PE storage tanks, care must be taken to ensure that the tanks are not damaged by placing them on sharp objects such as nails, steel chips, etc. Avoid pushing the tanks over rough floors. Dirty tanks can be cleaned with water. The tanks must not be subjected to improper use on the construction site. Temporary outdoor storage of the tanks is possible in principle, but unprotected outdoor storage must be limited to 6 months.

## 2. SETUP AND INSTALLATION

Before installing and before filling, the containers should be checked for contamination inside and cleaned if necessary. The tanks are installed horizontally on smooth, stable ground. The container bottom stands completely on the surface. Ensure that the tanks are set up so that they cannot tip over and that there is sufficient distance from the wall. Building regulations must be observed.

### 2.1 TANKS FOR STORING LIQUIDS HAZARDOUS TO WATER

The tanks PE 2000 to 4000 DF white are approved according to abZ 40.21-138 and certificate KVV-No. 111.020.15 and KVV-No. 117.002.15 for storage of liquids hazardous to water. The tanks are installed as individual tanks in rooms of buildings, protected from UV light. The approval and national legal regulations must be considered.

The flanged partially placed at bottom of tank must not be connected when storing liquids hazardous to water and must not have any openings.

## 2.2 STORAGE OF WATER

All plastic tanks from Dehoust of the PE-DF range in white or black have test certificates for use in leisure centres and bathing water application and in domestic installations.



## 2.3 BOTTOM CONNECTION FLANGE

The bottom flange connection must be drilled out with a 70 mm hole saw (see photos) for mounting flanges or the connecting pipe. Make sure that it is correctly seated.



## 2.4 BOTTOM CONNECTING PIPE

The containers can be combined to form tank batteries.

The required tabs (part no. 971356) are supplied with the "lower connection" accessory.



#### 4. OPERATION MANUAL

No impermissible stresses may be transferred to the tank wall by connected pipes. The containers are designed for products with a density of up to 1.15 kg per dm<sup>3</sup>. Filling the tank with alternative type liquid is to be avoided. The containers are designed for pressureless operation. Therefore make sure that the vessels are sufficiently ventilated during operation. Storage container type PE-DF are designed for continuous temperatures of max. 30°C; peak temperatures of the stored product of 40°C are only admissible if the material cannot heat up considerably above 30°C. Certificates and ordinances regulations must be observed.

The safety of the tanks is only guaranteed if the conditions of this manual and the legal regulations are observed and the installation is carried out by a specialist company. This company confirms the proper installation on the acceptance certificate.





## Possible accessories:

# DEHOUST

PE pipe sockets with loose flange up to DN 200



Bottom connecting pipe with connecting flange and stopcock 1 1/2"

Part no. 971565



PE pipe with socket up to 2" IG



Bottom connecting pipe 2" without individual shut-off



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



Flange with isolation valve

Part no. 971641

