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# PVC pipe



Monitoring well pipe made of trace metal free PVC, with connection mouth. Available as a plain or filter pipe, in different sizes. KIWA product certificate: K20414/01.

- · Lightweight pipe
- High resistance to abrasion, electrochemical and galvanic corrosion
- Resistant to mineral acids, strong bases

# Description

These PVC pipes are produced with a fully organic stabiliser, causing no contamination. The pipes can be used for all organic and anorganic analysis. The pipes are provided with waterproof connection mouths, so no glue is required for mounting. This makes for a sturdy and slim well pipe.

The PVC pipe comes in different variations:

### Plain pipe

10.01.77.02 32x28 mm, plain, 1 m. 35 pieces

10.01.73.02 32x28 mm, plain, 2 m. 35 pieces

10.01.78.02 32x28 mm, plain/filter, 2 m. 35 pieces

10.01.53.02 40x36 mm, plain, 2 m. 25 pieces

### Filter pipe

PVC pipe with 0.3 mm vertical slits

10.01.74.02 32x28 mm, filter, 1 m. 35 pieces

10.01.71.02 32x28 mm, filter, 2 m. 35 pieces

10.01.57.02 40x36 mm, filter, 1 m. 25 pieces

**Note:** PVC can adsorb and react with certain components (tetrachloroethylene, lead, certain chlorinated ethanes, bromoform) from groundwater. It is weaker, more pliable than metallic materials and has little resistance to ketones, aldehydes, amines, chlorinated alkenes and alkanes and aromatic hydrocarbons.

### HDPE pipe with screwthread connection

10.01



Monitoring well pipe of natural HDPE (high-density polyethylene) material, with screw thread socket. Available as a plain or filter pipe, in different sizes.

- Resistant to mineral acids, oils, alcohols
- Lightweight pipe
- No traces of heavy metals or plasticizers
- Higher chemical resistance than PVC
- Attractively priced

# **Description**

The material of these pipes causes no water pollution and makes high monitoring quality possible. HDPE provides satisfactory results, and it is much cheaper than PTFE.

HDPE pipes are suitable for use in contaminated locations because they are resistant to aromatic and chlorinated solvents. However, they are permeable to these substances, which can pose a problem if the groundwater quality in a deep aquifer under a highly contaminated soil has to be determined.

The pipes are provided with leak-proof threaded connections. They're easily connected during sinking, and a smooth well pipe is realized. Suitable for deep monitoring wells.

The natural HDPE pipe is leak proof up to at least 3.0 bar and has a maximum tensile strength of 250 kg. It's available in different variations, with KIWA certificate.

### Plain pipes

**10.01.27.02** 32x25 mm, 1 m. 35 pc.

**10.01.22.02** 32x25 mm, 2 m. 35 pc.

**10.01.32.02** 50x41 mm, 1 m. 15 pc.

**10.01.37.02** 50x41 mm, 2 m. 15 pc.

10.01.40.01 63x51 mm, 1 m. 5 pc.

10.01.40 63x51 mm, 2 m. 5 pc.

### Blind/filter pipe

10.01.28.02 32x25 mm, 2 m. 35 pc.

This pipe has slits over 1 metre

### Filter pipes with 0.3 mm horizontal slits

**10.01.23.02** 32x25 mm, 1 m. 35 pc.

10.01.25.02 32x25 mm, 2 m. 35 pc.

**10.01.38.02** 50x41 mm, 1 m. 15 pc.

**10.01.38.04** 50x41 mm, 2 m. 15 pc.

10.01.41 63x51 mm, 1 m. 5 pc.

### Mini pipes

**10.01.85.01** Plain pipe 26.6x18.6 mm, 2 m. 35 pc.

**10.01.85.01.02** Filter pipe 26.6x18.6 mm, 1 m. 35 pc.

### HDPE pipe with clamping socket connection



Natural HDPE monitoring well pipe, for use with a clamping socket. Suitable for depths up to 20 feet. With KIWA product certificate K20414/01.

- Resistant to mineral acids, oils, alcohols
- Lightweight pipe
- No traces of heavy metals or plasticizers
- Higher chemical resistance than PVC
- Attractively priced

# Description

These HDPE pipes are provided with a clamping socket and have a thin wall. The pipes are suited for application in wells that monitor the first water containing layer at 20 feet deep at most.

The material of these pipes causes no water pollution and makes high monitoring quality possible. HDPE provides satisfactory results, and it is much cheaper than PTFE.

HDPE pipes are suitable for use in contaminated locations because they are resistant to aromatic and chlorinated solvents. However, they are permeable to these substances, which can pose a problem if the groundwater quality in a deep aguifer under a highly contaminated soil has to be determined.

### **Available product variations:**

**10.01.90.01** Plain pipe 32x28 mm, 2 m. 20 pc.

**10.01.90.02** Filter pipe with 0.3 mm horizontal slits. 32x28 mm, 2 m. 20 pc.

**10.01.90.03** Plain/filter pipe 32x28 mm, 2 m. 20 pc.

# Pre-packed filter pipe

### 10.05.01

Extendable HDPE filter pipe with screw thread socket. The pipe is perforated with 0.3 mm slits and surrounded by filter sand, fixed with a filter gauze. KIWA and ETU tested.



### Description

The prefab filter pipe consists of a filter pipe surrounded by filter sand, fixed by a filter gauze. After installation of the filter in the auger hole, the larger soil particles are stopped by the gauze while smaller particles are stopped by the prepacked filtering sand. The function of the pipe slits is to stop the pre-packed filter sand only. The resulting filter is efficient, while the filter gauze with filter sand causes perfect centration of the filter, in a auger hole as well as in a casing.

### **Available product variations:**

**10.05.01.32** 60 mm for 32x25 mm pipes, length 1 m, 250 kg tensile strength. 5 pieces

**10.05.01.63** 88 mm for 63x51 mm pipes, length 1 m, 475 kg tensile strength. 5 pieces

### Pipe with bentonite collar

#### 10.04

Plain HDPE pipe with screw thread socket, complete with bentonite collar (patent no. 1010059). The pipe is leakproof up to 3.0 bar and has a maximum tensile strength of 551 lb. Components are KIWA K1007/03 and K20414/02.0 tested.



# **Description**

This plain pipe with bentonite collar is used to seal the space in the borehole surrounding the monitoring well in an impermeable soil layer. The 3.3 feet long pipes are supplied in sets of 5 pieces.

### **Available product variations:**

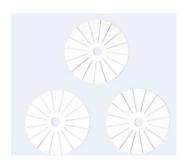
**10.04.01.20** 20x15 mm mini pipe, 35 mm diameter

**10.04.03.32** 32x25 mm pipe, 60 mm diameter

10.04.01.32 32x25 mm pipe, 70 mm diameter

### Sand catcher

A sand catcher is used in combination with the quality monitoring wells with bentonite collar. It serves to prevent sand from flowing past the filter before the collar is swollen.



# Description

The plastic sand catcher serves to prevent sand from running in or out of the space around the monitoring wells. As long as the bentonite sleeve is not sufficiently swollen, sand can still penetrate during the period when the bentonite slowly swells. The sand catcher keeps this from happening.

Sand-bentonite catcher for quality monitoring well, set of 50 pieces. Available variations:

- 10.01.99.62 For monitoring well diameter 20 mm. Dimensions 19.5 x 105 mm
- 10.01.99.63 For monitoring well diameter 26.6 mm. Dimensions 26 x 105 mm
- 10.04.99.64 For monitoring well diameter 32 mm and ZeroDiffusionWell. Dimensions 33 x
   170 mm
- 10.04.01.64 For monitoring well, to be placed between the screw thread. Dimensions 29 x 170 mm

# Monitoring well cover with cast iron lid

#### 10.02.19

Sturdy plastic monitoring well cover with cast iron lid, for use in streets and roads.



# **Description**

This pot has a static load capacity of 40 tons at 220°C (tested according to NEN/DIN). The yellow cast iron lid has an Eijkelkamp logo and a blue text plate with the text "Peilbuis". Available in 2 variants:

- 10.02.19 Outside 5.7 x 5.7 in, inside 4.3-4.5 in diameter, height 9 inches
- 10.02.20 Outside 7.5 x 7.5 in

A pallet of 100 pieces is also available for the smaller pot, article code 10.02.19.01.

### Monitoring well cover with plastic lid

Monitoring well cover made of HDPE, to protect your monitoring wells on cycle paths and sidewalks.

- Very spacious on the inside
- Ideal dimensions to fit in all kinds of brick roads
- Strong and stable lid
- Resistant to UV, frost and ageing
- Option to secure against break-ins or sabotage
- Option to make it liquid tight



# **Description**

This monitoring well cover has a load capacity of 772 lb, tested according to NEN/DIN 124. This makes the cover suitable for areas with cyclists and pedestrians.

The outer size is 7.9 x 7.9 inch, inner size 5.3 inch diameter, height 5.9 inch.

The blue plastic cover has a mounting hole for attaching a monitoring well label or transponder and space for your company name and/or logo.

This model is available in different versions.

- 10.02.30 Standard well cover
- 10.02.30.01 Standard well cover, 120 pieces
- 10.02.31 Well cover with o-ring, for liquid-tight seal
- 10.02.34 Well cover with o-ring and and inner socket head screw
- 10.02.35 Well cover with o-ring and vandalism-proof inner socket head screw

### Liquid tight floor cover

#### 10.02.6

Floor covers can be used to seal boreholes in concrete, up to a diameter of 4.7-4.8 inch.



# Description

This floor cover can create a liquid tight seal of the floor thanks to a chemically resistant rubber, that seals the drilled floor at its coating.

Once installed the cover lid causes minimal disturbance for a passing vehicle. The liquid tight floor cover is applied at gasstations, factories, garages, carwashes, chemical plants, etc.

#### **Available variations**

Two types of floor covers are available: a light and a heavy model.

The light model has a 0.12" thick electrolytical galvanized lid. It has a load taking capacity of 2205 lb according to NEN/EN 124. This cover is mostly applied indoors, to seal holes in light loaded liquid tight floors.

10.02.60 Floor cover light, galvanized, 1 piece

10.02.65 Floor cover light, galvanized, 50 pieces

The heavy model has a 0.16" thick stainless steel lid. This cover has a load taking capacity of 3858 lb according to NEN/EN 124 and is normally used outside, to seal holes in normal to heavy loaded liquid tight floors.

10.02.62 Floor cover heavy, stainless steel, 1 piece

10.02.67 Floor cover heavy, stainless steel, 50 pieces

# Bentonite plugs

### 10.94

Bentonite plugs are used for sealing boreholes, in order to prevent that water from different aquifers mix after augering. The plugs are available in various diameters.

- 100% seal
- Firm enough to be pushed down to desired depth
- Environmentally safe
- Unaffected by water pressure once swollen



# Description

The plugs can be used against intrusive seepage water and for decommissioning old monitoring wells and extraction wells.

The material used and the plugs' shape ensure a reliable hydrological sealing. The plugs consists of natural bentonite clay, without parts that could cause obstructions. After application of the bentonite plug an auger hole with a diameter of 2.7" (70 mm) can be entirely closed off in about three days.

The bentonite plugs are available in several variations, all measuring 20" (50 cm) in length. **Regular** 

- 10.94 Bentonite plugs 1.3" (34 mm) diameter.
  Seals boreholes up to 2.7" (70 mm) in diameter. Pack of 20 pieces
- 10.95 Bentonite plugs 1.3" (34 mm) diameter Pallet with 80 packs of 20 pieces
- 10.92.01 Bentonite plugs 2" (48 mm) diameter
   Seals boreholes up to 4.3" (110 mm) in diameter. Pack of 8 pieces
- 10.92 Bentonite plugs 2" (48 mm) diameter Pallet with 100 packs of 8 pieces

10.93 Bentonite plugs 1" (25 mm) diameter

#### Round

Round bentonite plugs are very suitable for decommissioning old monitoring wells and extraction wells.

- 10.91 Bentonite plugs 0.7" (17 mm) diameter
  Seals boreholes up to 1.2" (30 mm) diameter in approx. 48 hours. Pack of 40 pieces
- Seals boreholes up to 1.8" (45 mm) diameter in approx. 48 hours. Pack of 30 pieces **Note:** Bentonite swells poorly in water with salinity, or electrical conductivity, of 20 mS/cm or higher. Water that is heavily polluted also inhibits the function of bentonite. Not suitable for use in pure hydrocarbon layers, as bentonite will not swell at all in that environment.

# Scuba softcase



Safely transport your Scuba probes and accessories to the job site with this lightweight, portable softcase. The adjustable velcro dividers let you arrange the backpack to suit your needs.

- Lightweight and portable
- Water resistant
- Room for all your Scuba accessories

# **Description**

The softcase can be worn as a backpack but can also easily be carried in one hand. It is large enough to fit a Scuba probe and all the necessary accessories. In addition, the front compartment can be used to store a tablet.

This bag comes in two sizes. The large one can hold a Scuba with internal battery pack, the smaller is for a Scuba without internal battery pack.

- 18.17.03.29 Scuba softcase small
   For a Scuba without internal battery pack
- 18.17.03.30 Scuba softcase large
   For a Scuba with internal battery pack

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