

## tender file

### **Infiltration shaft system DN 600 (26" pipe)**

The GRAF Infiltration shaft system DN 600 (24" pipe) consists of an Infiltration distributor module DN 600 (24" pipe) (Pos. 01) leading in an infiltration system which is preferably made of GRAF Rain Blocs. Overlying fits an Infiltration inlet module DN 600 (24" pipe) (Pos. 03) connecting incoming pipelines. To lengthen the distance between both modules an Infiltration connecting piece DN 600 (24" pipe) (Pos. 02) can be added optionally. This module also serves as extension above the Infiltration inlet module in case of deep soil. Both parts the modules and the connecting piece possess an entry for appropriate covers. Utilizable as (common) shaft, plenum or in combination with suitable accessories/installation components as pump shaft, filter shaft, choke drain shaft or equal.

### **Pos. 01 Infiltration distributor module DN 600 (24" pipe)**

Incl. profile seal to connect an infiltration system or equal

- Material: PE-LLD
- Connections:
  - 2 x DN 160 or 2 x DN 200 connections (2 x 6" pipe or 2 x 8" pipe)
  - Connection distance applicable to GRAF Rain Bloc
  - 1 x mounting surface for connections of up to DN 160 (6" pipe)
- Dimensions: useful lengths 1000 / 585 mm (39.4" / 23")
- Alternative use: entry for GRAF Telescopic dome shaft up to class D

Product: GRAF Infiltration distributor module DN 600 (24" pipe)

### **Pos. 02 Infiltration connecting piece DN 600 (24" pipe)**

Incl. profile seal, shaft extension

- Material: PE-LLD
- Connections: -
- Dimensions: useful lengths 300 mm (11.8")
- Alternative use: entry for GRAF Telescopic dome shaft up to class D

Product: GRAF Infiltration connecting piece DN 600 (24" pipe)

### **Pos. 03 Infiltration inlet module DN 600 (24" pipe)**

Infiltration inlet module for different pipeline geometries. Compatible with the Vario 800 flex shaft system, GRAF Infiltration shaft system DN 600 (24"), VS-Control external M, VS-Control external L and GRAF underground tanks. Incl. profile seal for an entry for GRAF Telescopic dome shaft up to class D or other VS components.

- Material: PE-LLD
- Connections:
  - 1 x DN 160 or 1 x DN 200 (1 x 6" pipe or 1 x 8" pipe)
  - 1 x DN 250 or 1 x DN 315 (1 x 10" pipe or 1 x 12" pipe)
- Dimensions: useful lengths 550 mm (21.7")
- Weight: approx. 14 kg
- Color: grey
- Alternative use:
  - entry for GRAF Telescopic dome shaft up to class D

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- entry geometry for Infiltration filter strainer DN 600 (24" pipe)
- design of an emergency overflow for VS-Control external M or for VS-Control external L

### **Product: GRAF Infiltration inlet module DN 600 (24" pipe)**

#### **Accessory**

##### **Infiltration filter strainer DN 600 (24" pipe)**

- Material: stainless steel
- Nominal size: DN 600 (24" pipe)
- Mesh width: 0.5 mm (0.02")

Product: GRAF Infiltration filter strainer DN 600 (24" pipe)

##### **Maxi telescopic dome shaft with PP lid, suitable for pedestrian loading**

Maxi telescopic dome shaft with PP lid, suitable for pedestrian loading allows height adjustment to ensure flush level fitting with surrounding ground surface between:

- underground tank Carat / Carat XL: 750 and 1050 mm (29.5" and 41.3")
- underground tank Platin: 455 and 755 mm (17.9" and 29.7")

Flat design for a flushed closure, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground. PP cover with childproof lock.

- Length: 476 mm (18.7")
- Ø inner: 600 mm (23.6")
- Ø outer: 850 mm (33.5")
- Colour: grass green

Product: GRAF Maxi telescopic dome shaft with PP lid, suitable for pedestrian loading

##### **Telescopic dome shaft with cast iron lid, suitable for vehicle loading**

Telescopic dome shaft with class B 125 cast iron cover, suitable for vehicle loading allows height adjustment to ensure flush level fitting with surrounding ground surface between:

- underground tank Carat / Carat XL: 750 and 1050 mm (29.5" and 41.3")
- underground tank Platin: 455 and 755 mm (17.9" and 29.7")

Flat design for a flushed closure, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground. Cast iron cover with childproof lock.

- Length: 476 mm (18.7")
- Ø inner: 600 mm (23.6")
- Ø outer: 850 mm (33.5")
- Colour: black

Product: GRAF Telescopic dome shaft with cast iron lid, suitable for vehicle loading

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### **Telescopic dome shaft TRUCK for covers by customers, suitable for lorry-bearing**

Telescopic dome shaft TRUCK for concrete rings, suitable for lorry-bearing allows height adjustment to ensure flush level fitting with surrounding ground surface between:

- underground tank Carat / Carat XL: 750 and 1050 mm (29.5" and 41.3")
- underground tank Platin: 455 and 755 mm (17.9" and 29.7")

Flat design for a flushed closure, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground. For concrete rings and lorry-bearing covers (provided by customer).

- Length: 460 mm (18.1")
- Ø inner: 600 mm (23.6")
- Ø outer: 855 mm (33.7")
- Colour: black

Product: GRAF Telescopic dome shaft TRUCK for covers by customers, suitable for lorry-bearing

### **Telescopic infiltration shaft, cast iron, suitable for vehicle loading, dirt trap included**

Telescopic infiltration shaft, cast iron cover and dirt trap included. Suitable for vehicle loads up to a maximum of 3.5 t.

Smooth telescopic adjustment from 255 mm (10") – 555 mm (1'-9.9") between ground level and:

- Infiltration shaft system DN 600 (24")
- Vario 800 flex shaft

Flat design for a flushed closure with the surface, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground.

- Length: 575 mm (1'-10.6"), cast iron cover included
- Inner diameter: 600 mm (1'-11.6")
- Outside-diameter: 855 mm (2'-9.7")
- Surface of the inlet: approx. 900 cm<sup>2</sup>
- Weight: 106 kg (233.7 lbs)

Product: GRAF telescopic infiltration shaft, cast iron or equivalent

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### **Telescopic ventilation shaft, suitable for vehicle loading, dirt trap included**

Telescopic ventilation shaft, concrete/cast iron cover and dirt trap included. Suitable for vehicle loads up to a maximum of 3.5 t. Ventilation holes in the shaft cover.

Smooth telescopic adjustment from 255 mm (10") – 555 mm (1'-9.9") between ground level and:

- Infiltration shaft system DN 600 (24")
- Vario 800 flex shaft
- VS-Control external M
- VS-Control external L

Flat design for a flushed closure with the surface, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground.

- Length: 575 mm (1'-10.6"), concrete/cast iron cover included
- Inner diameter: 600 mm (1'-11.6")
- Outside-diameter: 855 mm (2'-9.7")
- Weight: 116 kg (255.7 lbs)

Product: GRAF Telescopic ventilation shaft, vehicle or equivalent

### **Telescopic ventilation shaft, suitable for lorry loading, dirt trap included**

Telescopic ventilation shaft, concrete/cast iron cover and dirt trap included. Suitable for vehicle or truck loads up to a maximum of 40 t. Ventilation holes in the shaft cover.

Smooth telescopic adjustment from 290 mm (11") – 590 mm (1'-11") between ground level and:

- Infiltration shaft system DN 600 (24")
- Vario 800 flex shaft
- VS-Control external M
- VS-Control external L

Flat design for a flushed closure with the surface, can be tilted by max. 5°. Including EPDM seal, sealed up to the top edge of ground.

- Length: 610 mm (2') ,concrete/cast iron cover included
- Inner diameter: 600 mm (1'-11.6")
- Outside-diameter: 855 mm (2'-9.7")
- Weight: 189 kg (416.7 lbs)

Product: GRAF Telescopic ventilation shaft, lorry or equivalent