

Water Supply

Wastewater Treatment

Gas Supply

Fire Protection

AVK offers a wide range of fixed and height adjustable surface boxes in various dimensions, which can be used in many fields of application. Apart from economic benefits, AVK synthetic surface boxes are lightweight, user-friendly, easy to open, noiseless and maintenance free. Most of AVK surface boxes are designed and approved according to DIN/EN standards, but can also be designed according to local standards or customer specifications. The carbon footprint (CO2 emission) of synthetic surface boxes, measured from resource to end of life, is significantly lower compared to surface boxes made of traditional materials, making AVK surface boxes ecologically sound.

Use:

Fixed height surface box with cast iron lid, for underground hydrants, standard inscription plate: HYDRANT

Features:

- Lightweight, user-friendly, silent and maintenance free
- 100% recyclable and significantly less use of resources compared to traditional materials
- Manufactured out of high grade recycled materials
- Ribs in housing ensure optimal fixation in road foundation
- Selected materials for housing and lid ensure easy opening at all times
- Heat resistant to max. 160 °C
- Suitable for low-temperature applications
- C250 load bearing capacity on complete surface*

Optional

- Various colours and lid inscriptions possible
- Use of a Flexdrain around the hydrant prevents dirt to block the drain pipe, ensuring optimal operation

*Results of the load-bearing capacity test on the complete surface, following the internally used load application method, and declaring the load-bearing capacity according to the corresponding class as per EN 124-1:2015, clause 7.2, table 4.

Accessories:

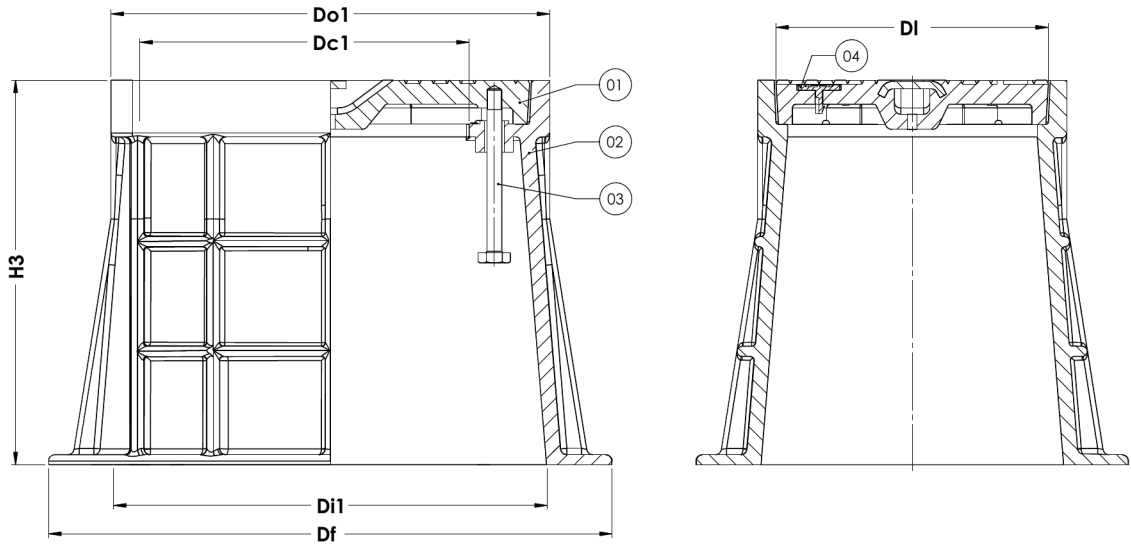
Support tile III
Top frame hydrant Purbra



SYNTHETIC SURFACE BOX TYPE PURBRA

80/41-000

For underground hydrants, Purbra HD-GG



Component list:

1. Lid	Cast iron GJL-200 (GG-20)	3. Bolt, hexagon head	Stainless steel A2-70
2. Housing	HDPE	4. Inscription plate	PA GF15

Metallic components may be substituted with equivalent or higher-grade materials without prior notice, provided that this is in compliance with the approvals.

Reference nos. and dimensions:

Reference no.	Do1 mm	DI mm	Dc1 mm	Di1 mm	Df mm	H3 mm	Weight Box / kg	Weight Lid / kg	Theoretical weight/kg
80-41-0000001 ⁽¹⁾	348 / 245	319 / 218	261 / 198	344	447 / 343	305	4.6	9.5	14.1
80-41-0000022 ⁽²⁾	348 / 245	319 / 218	261 / 198	344	447 / 343	305	4.6	9.5	14.1
80-41-0000033 ⁽³⁾	348 / 245	319 / 218	261 / 198	344	447 / 343	305	4.6	9.5	14.1

(1) Inscription plate: BRANDKRAAN (red)
(2) Inscription plate: HYDRANT (red)
(3) Inscription plate: WATER (blue)

The designs, materials, dimensions and specifications shown are subject to change without notice due to the continuous development of our product range.