

SYNTHETIC SURFACE BOX TYPE PURDIE

80/42-000

For service connection valves, Purdie HD-GG

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 service connection valves, standard inscription plate: WATER or GAS

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
- B125 load bearing capacity on complete surface*

Optional

- Various colours and lid inscriptions possible

*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 UST
Top frame service connection
Transition piece I

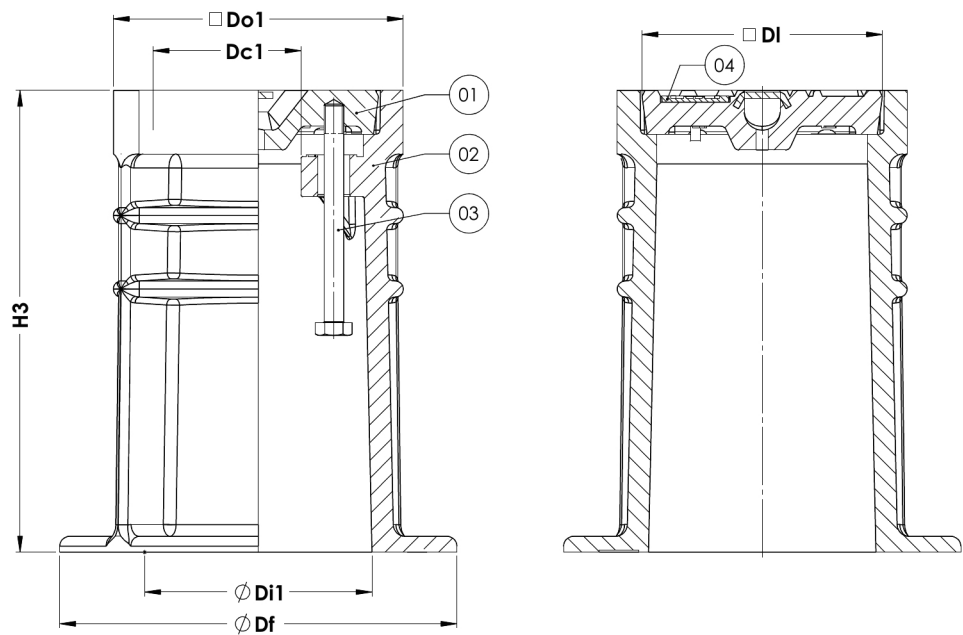


The designs, materials, dimensions and specifications shown are subject to change without notice due to the continuous development of our product range.

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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	DI	Dc1	Di1	Df	H3	Weight	Weight	Theoretical
	mm	mm	mm	mm	mm	mm	Box / kg	Lid / kg	weight/kg
80-42-0000001 (1)	145	123	106 / 75	114	200	233	1.3	1.7	3
80-42-0000002 (2)	145 x 145	123	106 / 75	114	200	233	1.3	1.7	3

(1) Inscription plate: WATER (blue)
(2) Inscription plate: GAS (yellow)