

**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 (CO<sub>2</sub> 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 synthetic lid, for underground hydrants, design derived from DIN 4055, standard lid inscription: AVK 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. 250 °C
- Suitable for low-temperature applications
- Locking clip around the bolt ensuring lid will stay in its place
- Lid material discourages thieves; no value in stealing
- Synthetic lid enables signal transmission
- C250 load bearing capacity on complete surface\*

**Design:**

- Design derived from DIN 4055

**Optional**

- Various colours and lid inscriptions possible
- Available as lockable version making the surface box tamperproof
- 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

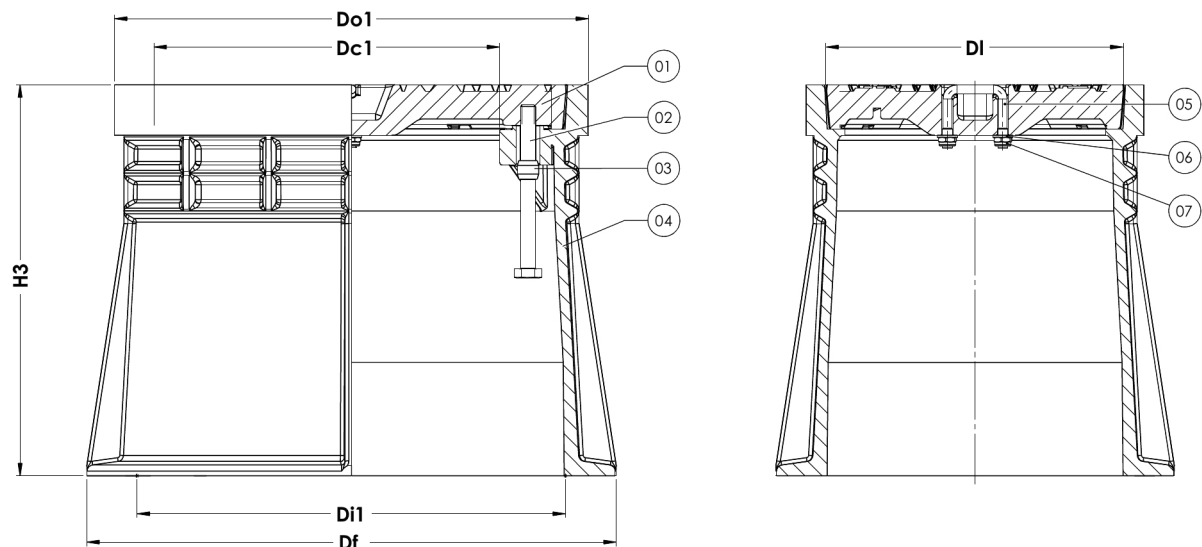
**Accessories:**

Support tile II  
Support tile III



**SYNTHETIC SURFACE BOX TYPE 4055**  
**For underground hydrants, H-4055 MD-KU, Classic**

**80/30-004**



**Component list:**

|                       |                       |             |                    |
|-----------------------|-----------------------|-------------|--------------------|
| 1. Lid                | PP GF40               | 5. Crossbar | Stainless steel A2 |
| 2. Bolt, hexagon head | Stainless steel A2-70 | 6. Washer   | Stainless steel A2 |
| 3. Locking clip       | PP                    | 7. Nut      | Stainless steel A2 |
| 4. Housing            | PA+                   |             |                    |

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<br>mm | DI<br>mm  | Dc1<br>mm | Di1<br>mm | Df<br>mm  | H3<br>mm | Weight<br>Box / kg | Weight<br>Lid / kg | Theoretical<br>weight/kg |
|------------------------------|-----------|-----------|-----------|-----------|-----------|----------|--------------------|--------------------|--------------------------|
| 80-30-0040005 <sup>(1)</sup> | 376 / 268 | 345 / 240 | 274 / 207 | 340 / 236 | 420 / 316 | 310      | 4.0                | 1.8                | 5.8                      |
| 80-30-0040006 <sup>(2)</sup> | 376 / 268 | 345 / 240 | 274 / 207 | 340 / 236 | 420 / 316 | 310      | 4.0                | 1.8                | 5.8                      |

(1) Black lid; inscription AVK HYDRANT  
(2) Red lid; inscription AVK HYDRANT