PRODUCT RANGE

5.0 EZIPIT[®] 1000 SEWER MAINTENANCE HOLES (MH)

Iplex EZIpit[®] 1000 maintenance holes are made of polypropylene and supplement our EZIpit[®] 425 MS and EZIpit[®] 600 MC. They are used for inspecting sewer networks and provide access for maintenance activities.

When developing the Iplex EZIpit® 1000 MH, both static and dynamic loads have been taken into consideration, including soil loads and groundwater pressure.

They are easy to install and reduce operational problems to a minimum by providing optimal flow conditions. The modular concept is practical and allows ease of handling and assembly in the trench.

Iplex EZIpit[®] 1000 MH have been designed with the following features:

- Polypropylene single wall corrugated riser
- Polypropylene bases and reducing cone with 'ribbed' surfaces
- Adjustable cover arrangement
- Integral swivel socket connections suitable for smooth wall PVC DWV pipe¹
- Reinforced bases with double bottom

The ability to cut the EZIpit[®] 1000 riser allows the installer to adjust the height on site and install the EZIpit[®] 1000 MH to the specified depth up to 6m.

Due to its polypropylene construction, the Iplex EZIpit[®] 1000 MH offers the following advantages:

- Resistance to acid attack, which can be common in gravity sewers
- Light weight components for easier handling
- Fast installation times, reducing risks associated with open trenches
- Excellent hydraulic properties



Figure 50: EZIpit® 1000 Maintenance Hole (MH) assembly

Note: all images are of a general nature only and not to scale. If critical, contact Iplex Pipelines. ¹Not applicable with DN375 Base sockets



TABLE 8: EZIPIT[®] 1000 MH (PP) BASE CONFIGURATIONS



¹DN375 sockets are not swivel sockets

² Type X with internal plug

Note: illustrations only. Not to scale.



5.1 EZIPIT[®] 1000 MH WITH DIFFERENT COVER OPTIONS



Figure 51: EZIpit $^{\scriptscriptstyle \mathbb{R}}$ 1000 Base , Riser and Cone Assembly

Figure 52: EZIpit[®] 1000 MH with GATIC[®] 'Top Hat' cover arrangement Class B, assembled with reducing cone

*Top Hat' concrete in-fill covers to be filled with concrete insitu. **Note:** all images are of a general nature only and not to scale. If critical, contact Iplex Pipelines.





OPTION 2:

 $\text{EZIpit}^{\ensuremath{\$}}$ 1000 MH with GATIC $^{\ensuremath{\$}}$ 'Top Hat' cover arrangement Class D

OPTION 3:

EZIpit[®] 1000 MH with GATIC[®] cover arrangement Class B & D (Sloped Surfaces)



Figure 53: EZIpit[®] 1000 MH with GATIC[®] 'Top Hat' cover arrangement Class D, assembled with riser

Figure 54: EZIpit[®] 1000 MH with GATIC[®] cover arrangement Class B & D (Sloped Surfaces). Concrete frame cast insitu by others to specified slope.



5.2 EZIPIT® 1000 MH - INTERNAL DROP STRUCTURE

In steep terrain, it might be necessary to install a backdrop. The down pipe can be positioned either inside or outside the maintenance hole structure.



Figure 55: EZIpit® 1000 Maintenance Hole (MH) with internal drop structure





Figure 56: EZIpit® 1000 Maintenance Hole (MH) assembly with Riser Junction for Internal Drop

5.3 EZIPIT® 1000 MH - EXTERNAL DROP STRUCTURE

In steep terrain, it might be necessary to install a backdrop. The down pipe can be positioned either inside or outside the maintenance hole structure.



Figure 57: EZIpit® 1000 Maintenance Hole (MH) with external drop structure





Figure 58: EZIpit® 1000 Maintenance Hole (MH) assembly with Riser Junction for External Drop

5.4 TYPICAL INSTALLATION - EZIPIT® 1000 MH WITH 'TOP HAT' COVER ARRANGEMENT CLASS B OR D



Elevation

