

# EZIPIT®

## TESTING

Leakage testing is used to reveal locations of potential infiltration and exfiltration between the PVC pipe and the base and the base and riser.

Inspection and testing can be limited to a CCTV inspection or a visual inspection during installation. The CCTV and/or visual inspection should focus on the correct assembly of the EZIpit® components; for example checking the insertion depth in the sockets. A visual CCTV inspection is more than sufficient, as leak tightness and structural issues are well secured by the system and product standards.

Leak tightness testing is normally done with air. Adequate care shall be taken to ensure that the ends and connections are properly sealed off before the test is started.

### TESTING

Leakage testing between the base and PVC pipe connections and the base and riser shall be in accordance with AS/NZS 2566.2 'Buried flexible pipelines Part 2: Installation' and WSAA 'WSA-02 - Sewerage Code of Australia'.

**NOTE: THE EZIPIT® CAP AND LID IS NOT DESIGNED FOR PRESSURE TESTING AND MUST NOT BE USED FOR THIS PURPOSE. COMPRESSED AIR CONTAINS SUBSTANTIAL STORED ENERGY, WHICH, IF RELEASED SUDDENLY, COULD CAUSE INJURY.**

Before testing ensure the embedment around the riser and in the trench has been compacted and the trench has been backfilled.

### VACUUM TESTING

Where the test method is not specified, undertake a vacuum test. A purpose designed Vacuum Test lid can be used to seal against The EZIpit® Cap or 'Top Hat' Cover. Remove the lid from the EZIpit® cap (Figure 2) or the ductile iron cover from the 'Top Hat' and apply a bead of GATIC® sealing compound to all mating surfaces. Assemble the Vacuum Test Lid on the cap or Cover (Figures 3 and 4).

**Apply a test vacuum (negative pressure) as specified by the regulatory authority. Observe all safety practices and requirements during the vacuum test.**

**NOTE: THE VACUUM TEST LID IS NOT DESIGNED FOR PRESSURE TESTING AND MUST NEVER BE USED FOR THIS PURPOSE.**



Figure 1: Vacuum test with EZIpit® test Lid assembled on the Cap and sealed with Gatic® Sealing Compound.

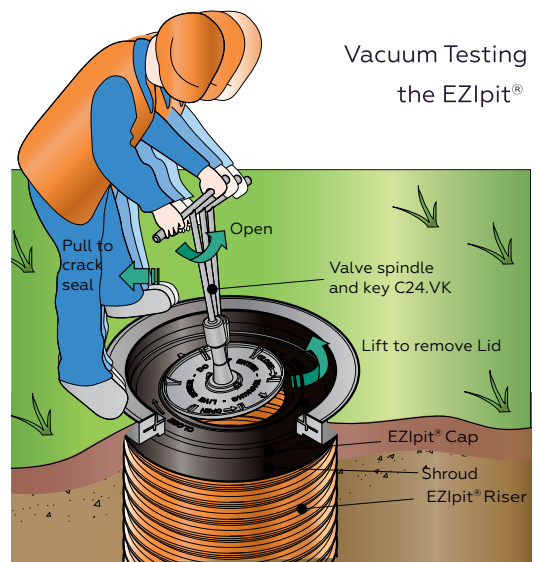


Figure 2: Removing the EZIpit® Lid from the Cap for Sewer Inspection or Vacuum Testing.

The information contained in this document should serve as a guide only and is subject to change without notice. For more information please contact Iplex Pipelines Australia Pty Ltd.



**TESTING**

**LOW - PRESSURE AIR TESTING**

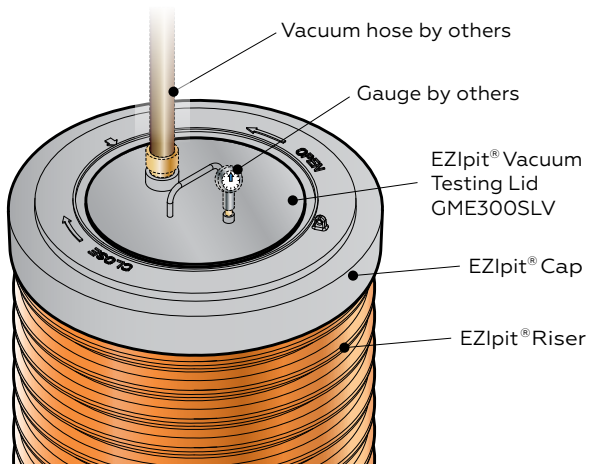


Figure 3: Vacuum testing using DN300 EZIpit® lid with 'cap'.

Alternatively, a purpose designed inflatable test plug can be used for testing.

Plug all inlets and outlets in the test section of the sewer. Place the test plug inside the EZIpit® riser above the base. Ensure the test plug is appropriately secured and sealed against the wall of the EZIpit® riser in accordance with the manufacturer's recommendations.

**Observe all safety practices and requirements during the pressure test.**

Gradually apply pressure as specified by the regulatory authority.

Upon completion of testing, remove the test plug and assemble the cap and lid or cover on the top of the Riser. Refer to 'Assembly and Installation Guidelines' for instructions.

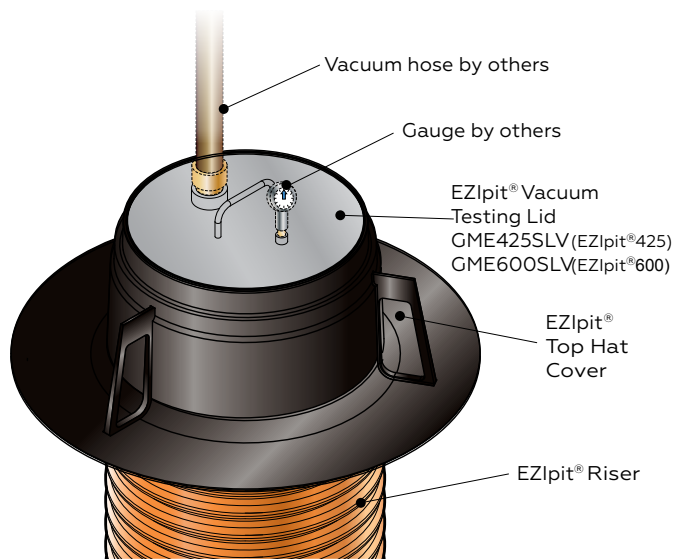


Figure 4: Vacuum Testing using DN425 or 600 EZIpit® Lid with 'Top Hat' Frame.

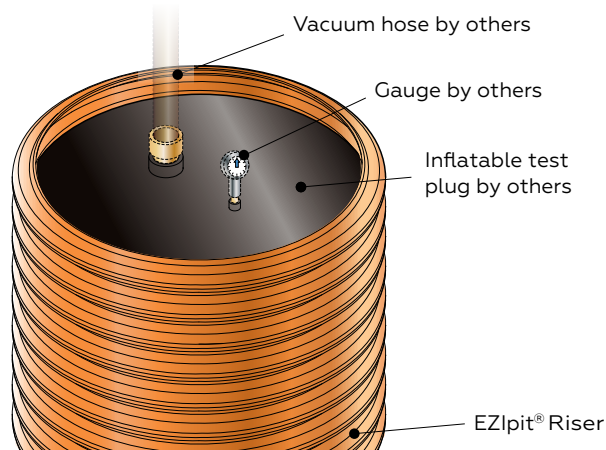


Figure 5: Test plug assembled in EZIpit® Riser ready for test.

Note: All images are of a general nature only and not to scale. If critical, contact Iplex Pipelines.

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