

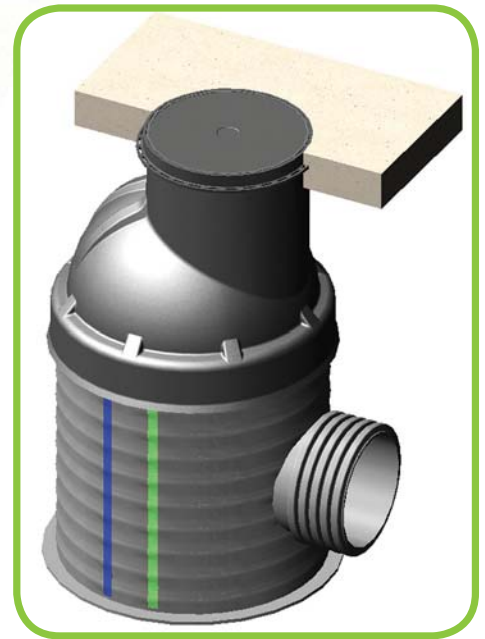
48" HP MANHOLE FOR STORM DRAINAGE APPLICATIONS

ADS is pleased to announce the addition of its new 48" HP (High Performance) Manhole. The 48" (1,200 mm) HP Manhole was developed with performance, ease of maintenance and cost effectiveness in mind.

The 48" HP Manhole is lightweight for ease of installation. The manhole is a perfect solution for installations where corrosion is a concern. The 48" HP Manhole body is proven to be durable and is tested to withstand H-20 traffic loads when installed per manufacturer's recommendations. Contact your ADS representative to learn more about this new addition to the ADS product line.

FEATURES:

- Easy to specify, install and maintain
- Available with a wide range of connection types and sizes
- Made from ADS polypropylene pipe
- Can be placed under load-bearing surfaces or in green spaces
- Excellent abrasion and corrosion resistance
- Light weight structure for easy installation
- Optional accessories available, such as IPP FLEXSTORM inlet filters



BENEFITS:

- Significant installed cost savings
- Easy access equals easy inspections and maintenance
- Low maintenance costs
- Enhanced jobsite durability and performance
- Corrosion and abrasion resistant

ADS Service: ADS representatives are committed to providing you with the answers to all your questions, including specifications, and installation and more.



48" HP MANHOLE SPECIFICATION

SCOPE

This specification describes the 48" (1,200 mm) HP Manhole for use in underground stormwater applications.

JOINT PROPERTIES

48" HP Manhole bodies shall be made from an impact modified copolymer polypropylene meeting the material requirements of ASTM F2764.

The eccentric cone reducer shall be manufactured from polyethylene material meeting ASTM D3350 cell class 213320C.

Gaskets shall be made of material meeting the requirements of ASTM F477.

PERFORMANCE

Various pipe connections are available. Contact ADS sales representative to obtain more information. Top cone and structure shall meet the loading requirements of AASHTO M306 when installed per manufacturer's recommendations.

INSTALLATION

The maximum burial depth of the 48" (1,200 mm) HP Manhole is 10' (3.0 m).

Excavate HP Manhole location to the depth required and provide a stone base. Stone base shall be a minimum of 6" (150 mm), however a thicker base may be required. A geotechnical engineer shall be contacted to determine adequate bedding specifications.

Set HP Manhole in place and level structure.

Connect storm pipe into HP Manhole. Contact ADS representative for different connection options.

Re-check HP Manhole depth, level and position.

The backfill material shall be crushed stone meeting the requirements of Class I material as defined in ASTM D2321. Bedding and backfill shall be well placed and compacted uniformly in accordance with ASTM D2321.

All HP Manholes are custom made to order as specified. The maximum depth is 10' (3.0 m). Contact ADS Applications Engineering for burial depths greater than 10' (3.0 m) or where groundwater will be encountered. The frame and grate/cover must be fully supported by a reinforced concrete collar as designed by others. The concrete collar must extend no less than 18" (450 mm) from the edge of the frame in all directions. The collar must bear on the surrounding stone and soil backfill and not on the structure.

For other installation considerations such as migration of fines, ground water and soft foundations refer to ASTM D2321 guidelines.

ADS "Terms and Conditions of Sale" are available on the ADS website, www.ads-pipe.com

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