



SAVE TIME AND LABOR WITH THE ARC 18

Leaching chambers are rapidly becoming the product of choice for leachfield applications over conventional pipe and gravel systems. Their lightweight construction offers lower installed costs and less intrusive installations.

ENGINEERED FOR OPTIMAL PERFORMANCE

The Arc 18 septic leaching chamber is a sturdy, lightweight plastic unit that combines maximized infiltrative surface area and storage capacity with an improved structural design to handle most any conventional leachfield system challenge without sacrificing performance.

This unique combination allows for increased effluent dispersal performance and improved structural integrity as well as ease of installation and simplified contouring capabilities.

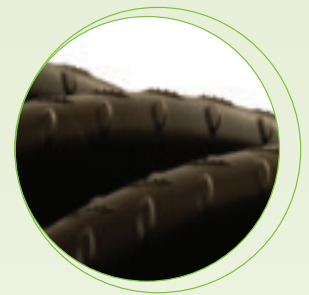
FEATURES & BENEFITS:

- Injection-molded from High Density Polyethylene (HDPE) for lightweight and sturdy design
- 20-degree integral articulating joint that is ideal for either straight or contoured septic leachfield applications
- True corrugated chamber design eliminates flat surfaces and provides increased load bearing capability in the trench
- Designed to accommodate both gravity-fed and pressure-dosed systems
- A universal inlet/outlet end cap
- Inspection vent ports on every unit with easy-to-remove knockouts for maximum job site flexibility
- Convenient five-foot lengths are easy to handle
- Quickly installed by one person into 18-24" wide trench or bed applications
- Increased plumbing option with Side Port Coupler component which snaps in place to allow side entry at any joint throughout the trench line.
- Diamond plate texture increases slip resistance and enhances ease of installation

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



Side Port Coupler



Diamond Plate Texture



ADS ARC™ 18 SEPTIC LEACHING CHAMBER SPECIFICATIONS

SCOPE

This specification describes the Arc chamber units for use in onsite wastewater disposal applications.

CHAMBER REQUIREMENTS

Arc chambers are manufactured from high-density polyethylene with an open bottom, solid top and louvered sidewalls. Sidewall louvers shall be designed to minimize soil intrusion.

Chamber shall meet the load rating of H-10 (16,000 lb per axle) with a minimum of 12 inches of cover when tested in accordance with IAPMO PS 63 and installed in accordance with manufacturers installation procedures.

CHAMBER CONNECTION

Each chamber shall interlock with an integral articulating joint. Articulating joints shall have a free range of horizontal rotation of 20 degrees, with a maximum of 10 degrees in either direction. Articulating joint shall be constructed by placing the dome with engaging knuckle of the incoming chamber over the post end of the previously-installed chamber, with final engagement occurring when the lower base flanges of the incoming chamber under-lap the raised base flanges of the previously-installed chamber.

MATERIAL PROPERTIES

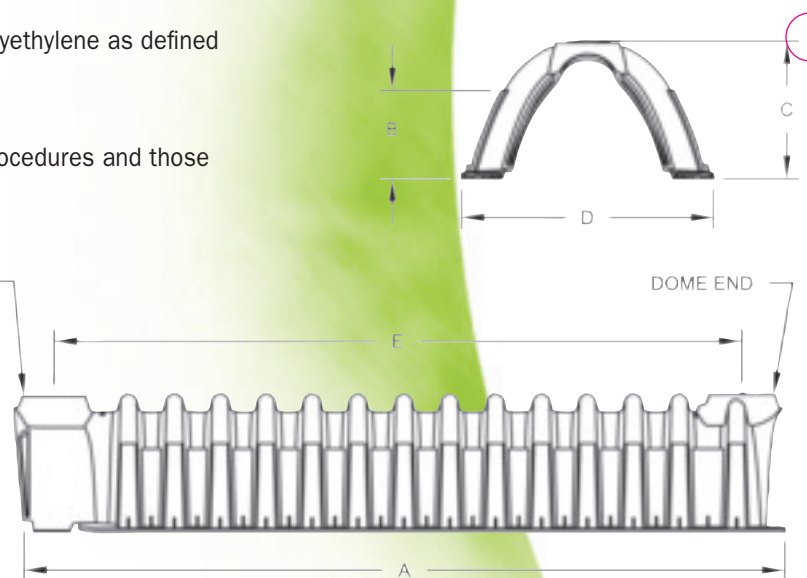
Each chamber shall be manufactured from high-density polyethylene as defined and described in IAPMO PS 63.

INSTALLATION

Installation shall be in accordance with ADS installation procedures and those issued by the local health department regulations.

ARC 18 NOMINAL DIMENSIONS	
Length (A)	67"
Repeat Length (E)	60"
Sidewall Height (B)	7.5"
Overall Height (C)	12"
Overall Width (D)	16"
Weight	11 lbs.
Total Open Bottom Area	6.67 sq.ft.
Capacity	5.02 cu ft (37.5 gal)
Pallet Quantity	180 chambers
Van (Box Trailer) Quantity	15 Pallets
Flatbed Quantity	16 Pallets

POST END WITH RECEIVING AREA



For more information on ADS Arc 18 and other ADS products, please contact our Customer Service Representatives at **1-800-821-6710**

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