

ENVIRONMENTAL SOLUTIONS™ SMOOTHWALL PIPE

With over 40 years experience, ADS has provided expert knowledge and innovative product solutions proven in a wide range of field drainage applications. Our HDPE pipe delivers superior value while providing physical strength, structural design that just cannot be matched.

A VERSATILE, FUNCTIONAL AND ECONOMICAL PIPE FOR A VARIETY OF APPLICATIONS:

- Waste management absorption fields
- Golf course drainage
- Downspouts
- Sidewalk "culverts"
- Irrigation Ditch Enclosures
- Basement and foundation drainage
- Temporary plumbing
- Terrace risers
- Waterway Terracing



On-Site Waste Management



Golf Courses and Area Drainage



Downspout and Foundation Drainage

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



New HDPE spun welded coupler available on 3" and 4" diameters. Check with your Sales Representative for availability.

FEATURES & BENEFITS

- Made with a white high density polyethylene layer around a black polyethylene core to form a lightweight pipe with excellent beam stiffness.
- Unaffected by extended exposure to the sun's heat and ultraviolet radiation. Immune to freeze/thaw conditions and continuous subzero temperatures.
- Corrosion resistant to acids, alkalis, and salts. Will not rust.
- Safe, easy, efficient installations without breaking, splitting, or cracking. More impact resistant than PVC, ABS, or styrene.
- Long-term performance without costly maintenance or replacement.
- Constructed with bell-and-spigot ends for soil-tight joints.
- Available in 10' (3m) lengths; 3", 4", and 6" (75, 100 and 150mm) diameters; with three different hole patterns.



SCOPE

This specification describes ADS Smoothwall Sewer & Drain pipe in 3", 4", and 6" (75, 100 and 150mm) diameters for use in gravity flow drainage and leachfield applications.

PIPE REQUIREMENTS

- ADS Smoothwall Sewer & Drain pipe shall meet the requirements of ASTM F810.
- It shall have a smooth interior and exterior.
- Manning's "n" value for use in design shall not be less than 0.009.

JOINT PERFORMANCE

Pipe joints shall be bell-and-spigot. Bell ends shall be integrally formed on the pipe at one end to form a soil-tight connection.

MATERIAL PROPERTIES

Pipe material shall be high-density polyethylene conforming with the minimum requirements of cell classification 424410C or E as defined and described in the latest version of ASTM D3350. The material formulation shall include recycled polyethylene.

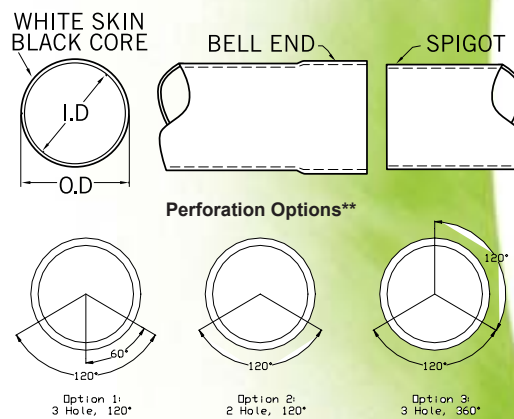
INSTALLATION

For nonpressure drainage applications, installation shall be in accordance with ASTM D2321 and ADS's published installation guidelines with the exception that minimum cover in trafficked areas shall be one foot (0.3m). For leachfield applications, installation shall be in accordance with ASTM F481 and as regulated by regional, state, and local agencies. Proper authorization for specific applications and designs should be obtained prior to installation to ensure suitability in certain locales. Contact your local ADS representative or visit our website at www.ads-pipe.com for a copy of the latest installation guidelines.

NOMINAL DIAMETER, in. (mm)

Nominal Pipe I.D., in. (mm)	3 (75)	4 (100)	6 (150)
Approx. Pipe O.D., in. (mm)	3.25 (83)	4.215 (107)	6.275 (159)
SDR Rating*	38	38	43
Pipe Stiffness Pii (kPa)	19 (131)	11 (76)	8 (55)
Perforations	All diameters available with or without perforations.		

* check with a sales representative for availability by region; other SDR rated pipe may be available.



**Perforation sizes are based on customer requirements and availability by region.

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

ADS "Terms and Conditions of Sale" are available on the ADS website, www.ads-pipe.com
 The ADS logo, Environmental Solutions and the Green Stripe are registered trademarks of Advanced Drainage Systems, Inc. © 2007 Advanced Drainage Systems, Inc.
 BRO 10610 07/07