ADS SINGLE WALL HEAVY DUTY PIPE SPECIFICATION

Scope
This specification describes 3- through 24-inch (75 to 600 mm) ADS single wall heavy duty polyethylene pipe, for use in gravity-flow drainage applications.

Pipe Requirements
ADS single wall corrugated heavy duty pipe shall have annular interior and exterior corrugations.
- 3- through 6-inch (75 to 150 mm) shall meet ASTM F405
- 8- through 24-inch (200 to 600 mm) shall meet ASTM F667.

Joint Performance
Joints for 3- to 24- inch (75 – 600 mm) shall be made with split or snap couplings. Standard connections shall meet the requirements of the ASTM F405 or ASTM F667. Gasketed connections shall incorporate a closed-cell synthetic expanded rubber gasket meeting the requirements of ASTM D1056 Grade 2A2. Gaskets, when applicable, shall be installed by the pipe manufacturer.

Fittings
Fittings shall conform to ASTM F405 or ASTM F667.

Material Properties
Pipe and fitting material shall be high density polyethylene conforming with the minimum requirements of cell classification 423410C as defined and described in the latest version of ASTM D3350; or ASTM D1248 Type III, Class C, Category 4, Grade P33.

Installation
Installation shall be in accordance with ASTM D2321 and ADS installation guidelines, with the exception that minimum cover in trafficked areas for 3- through 24-inch (75 to 600 mm) diameters shall be one foot (0.3 m). Contact your local ADS representative or visit our website at www.ads-pipe.com for a copy of the installation guidelines.

Pipe Dimensions

Nominal Diameter, in (mm)										
Pipe I.D. in (mm)	3 (75)	4 (100)	5 (125)	6 (150)	8 (200)	10 (250)	12 (300)	15 (375)	18 (450)	24 (600)
Pipe O.D.* in (mm)	3.6 (91)	4.6 (117)	5.8 (147)	7 (178)	9.5 (241)	12 (305)	14.5 (368)	18 (457)	22 (559)	28 (711)
Perforations	All diameters available with or without perforations.									

*Pipe O.D. values are provided for reference purposes only, values stated for 3- through 8-inch are ± 0.5 inch. Contact a sales representative for exact values.