

ADS CORRUGATED AASHTO HDPE PIPE SPECIFICATION FOR BNQ 3624-110

Scope

This specification describes 100 to 200 mm (4- through 8-inch) Corrugated HDPE pipe for use in gravity-flow drainage applications.

Pipe Requirements

ADS Corrugated AASHTO HDPE pipe shall have annular interior and exterior corrugations.

- 100 to 200 mm (4- through 8-inch) shall meet BNQ 3624-110 and meet a minimum pipe stiffness of 300 kPa (43.5 psi).

Joint Performance

Pipe shall be joined with coupling bands covering at least two full corrugations on each end of the pipe. Standard connections shall be considered soil-tight.

Material Properties

Virgin material for pipe production shall be high density polyethylene conforming with the minimum requirements of cell classification 424420C for 100 to 250mm (4- through 10-inch) diameters, as defined and described in the latest version of ASTM D3350, except that carbon black content should not exceed 4%.

Installation

Installation shall be in accordance with BNQ 1809-300 and ADS published installation guidelines with the exception that minimum cover in trafficked areas for 100 to 200 mm (4- through 8-inch) diameters shall be 0.3 m (one foot). Contact your local ADS representative or visit our website at www.ads-pipe.com for a copy of the latest installation guidelines.

Pipe Dimensions

	Nominal Diameter, mm (in)		
Pipe I.D. mm (in)	100 (4)	150 (6)	200 (8)
Pipe O.D.** mm (in)	117 (4.6)	178 (7.0)	241 (9.5)
Minimum Pipe Stiffness BNQ 3624-110* kPa (Psi)	300 (43.5)	300 (43.5)	300 (43.5)
Perforations	All diameters available with or without perforations.		

*Check with sales representative for availability by region and ordering.

**Pipe O.D. values are provided for reference purposes only. Contact sales representative for exact values.

