ADS MITERED END SECTION SPECIFICATION

Scope

This specification describes 12- through 60-inch (300 to 1500mm) Mitered End Sections for use in culvert and drainage outlet applications.

Requirements

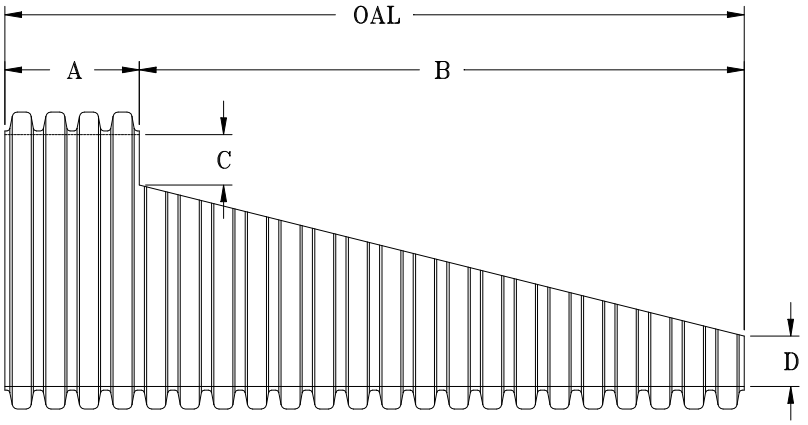
The invert of the pipe and the end section shall be at the same elevation. Mitered End Section shall be high-density polyethylene conforming with the minimum requirements of cell classification 335400C as defined and described in ASTM D3350 except that carbon black content should not exceed 4%. The 12- through 60-inch (300 to 1500mm) virgin pipe material shall comply with the notched constant ligament-stress (NCLS) test as specified in Sections 9.5 and 5.1 of AASHTO M294 and ASTM F2306 respectively.

Installation

Installation shall be in accordance with ASTM D2321 and ADS installation guidelines. Contact your local ADS representative or visit our website at www.ads-pipe.com for a copy of the installation guidelines.

Nominal Dimensions										
	Slope x:1		Slope 2:1		Slope 3:1		Slope 4:1		Slope 6:1	
Pipe Dia. (in)	C* (in)	D (in)	B (in)	OAL (in)	B (in)	OAL (in)	B (in)	OAL (in)	B (in)	OAL (in)
12	3	3	12	20	18	26	24	32	36	44
15	4	4	14.8	24.5	22	31.9	29.4	39.1	41.6	51.4
18	4.2	4	21	33	30	42	39	51	60	72
24	6	6	24	40	36	52	48	64	72	88
30	6	6	36	52	56	72	72	88	108	124
36	6.9	6	48.1	64.6	73.9	92.3	96.9	115.4		
42	5.2	6	64.4	82	93.6	111.3	122.9	140.5		
48	5.4	6	76.1	93.6	111.2	128.7	146.4	163.9		
54	5.4	6	85.1	108.4						
60	3.6	6	100.6	123.9						

* The “C” dimension varies slightly for some diameters depending on the slope



Note: ADS recommends that the product be installed with a concrete collar/edge to support and close corrugations per DOT specifications. The Channel at the bottom of the taper must be shaped to prevent toe lift by the inlet water flow.

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