

## 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) 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.

### Build America, Buy America (BABA)

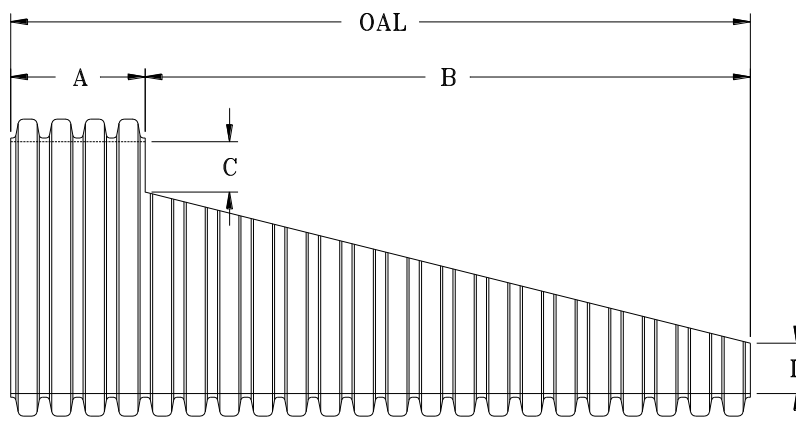
ADS Mitered End Section, manufactured in accordance with AASHTO M294 or ASTM F2306, complies with the requirements in the Build America, Buy America (BABA) Act.

### Installation

Installation shall be in accordance with ASTM D2321 and ADS installation guidelines. Contact your local ADS representative or visit our website at [www.adspipe.com](http://www.adspipe.com) for a copy of the installation guidelines.

Nominal Dimensions										
Pipe Dia. (in)	Slope x:1		Slope 2:1		Slope 3:1		Slope 4:1		Slope 6:1	
	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.