

ADS GREASE INTERCEPTOR PRODUCT SPECIFICATION

Scope

This specification describes the 750-, 1000-, and 1500-gallon ADS Grease Interceptor for on-site use trapping floatable grease and oils in water treatment applications.

Requirements

Grease Interceptors shall meet requirements specified in ASTM F2649. Grease Interceptors shall have a smooth interior and annular exterior corrugations using pipe that meets AASHTO M252 Type S, AASHTO M294 Type S, or ASTM F2306. The inlet and outlet of the unit shall utilize 8-inch SDR 32.5 HDPE pipe. A weir plate shall be installed with an orifice centrally located to control flow into the last chamber. At the weir plate, a vertical half-round pipe shall be installed to minimize contaminants through the orifice.

Joint Performance

Connections to the inlet and outlet shall utilize couplers with the same joint performance as the main sewer pipe.

Material Properties

Material for pipe and fittings used to produce the Grease Interceptor shall be high density polyethylene conforming with the minimum requirements of cell classification 424420C for 4- through 10-inch (100- to 250-mm) diameters, and 435400C for 12- through 60-inch diameters as defined and described in the latest version of ASTM D3350. The pipe material shall be evaluated using 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 the ADS recommended installation guidelines, utilizing a class I (ASTM D2321) structural backfill material or flowable fill (CLSM –Controlled Low Strength Material). Contact your local ADS representative or visit www.ads-pipe.com for the latest installation instructions.

Grease Interceptor Dimensions and Specifications

Volume (gal)	Chamber Diameter (in)	Inlet Diameter (in)	Outlet Diameter (in)	A	B	C	D	E	F	G
750	48	8	8	131"	31"	100"	35.7"	33.7"	88"	41.7"
1000	48	8	8	173.25"	31"	142"	35.7"	33.7"	116"	41.7"
1500	60	8	8	156"	31"	123"	35.7"	47.5"	105"	53.5"

(Unit configuration & availability subject to change without notice. Product detail may differ slightly from actual product appearance.)

