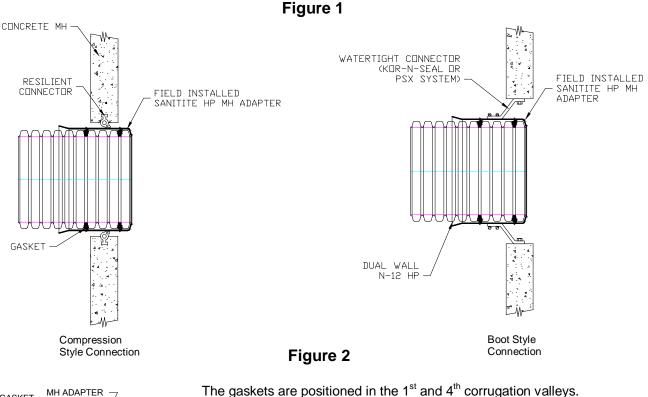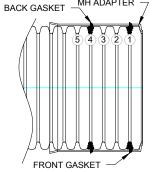Sanitary sewer applications require watertight connections between the pipe and the manhole structure. Compression style gaskets or booted connections are often used for these applications where the gaskets or boots will seal against or affix to a pipe with a smooth outer wall. ADS SaniTite HP pipe may be used in this application in conjunction with the SaniTite HP MH Adapter. The adapter is a long cylindrical piece of polypropylene which can be field installed over the corrugated exterior of SaniTite HP pipe to create a smooth transition to the MH connection. Figure 1 below depicts the adapter and pipe in the applicable application. Figure 2 depicts the adapter installed over corrugated SaniTite HP pipe and lists the appropriate part codes necessary for the installation. This installation guide will describe the necessary steps for field installing this adapter for use in conjunction with the A-LOK® premium gasket or other suitable booted connections. See Table 1 and 2 on the following page for a list of appropriate booted and compression style gasket connections.

Figure 1

Compression Style Connection

Boot Style Connection

Figure 2

The gaskets are positioned in the 1st and 4th corrugation valleys.

Gasket and Adapter Part Codes

Pipe Diameter	Gasket Part Code	Adapter Part Code
12"	1259AG	1222AAPP*
15"	1559AG	1522AAPP
18"	1859AG	1822AAPP*
24"	2459AGMH	2422AAPP

Check for availability

Table 1

Pre-Cast Compression Gasket			
Pipe Diameter	**Adapter OD (in)**	**MH Adapter Product Code**	**A-LOK® Premium Gasket**
24"	29.0"	2422AAPP	915
18"	22.0"	1822AAPP*	-
15"	18.3"	1522AAPP	580
12"	15.3"	1222AAPP*	490

Check for availability

Table 2

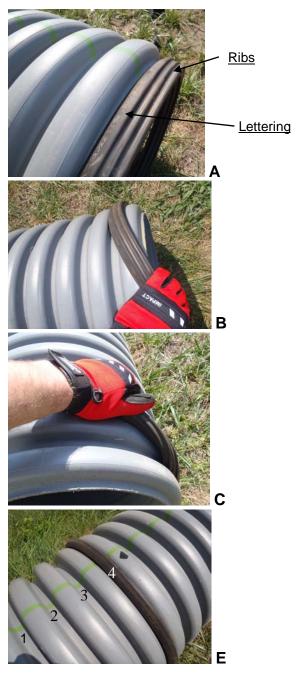| Pre-Cast or Cored Hole Boot Gasket						
Pipe Diameter	**Adapter OD (in)**	**MH Adapter Product Code**	**KOR-N-SEAL®**		**PSX Direct Drive®**	****CAST-A-SEAL®**
			Series I or II	**Series 306**		
24"	29.0"	2422AAPP	S206-32	S306-32	32A	452.802.2900
18"	22.0"	1822AAPP*	-	-	-	-
15"	18.3"	1522AAPP	S206-22	306-22	22M	452.802.1850
12"	15.3"	1222AAPP*	S106-20BWS	NA	18S2	452.802.1475

Check for availability
**Cast-A-Seal is for flat wall structures only.

Gasket Installation

Step 1: Placing Back Gasket

As depicted in figure 1, two gaskets are required to seal on the underside of the adapter, between the corrugated pipe and the adapter. In order to place the back gasket in the correct location, the back gasket is placed on the pipe and then carefully "rolled" to the 4th corrugation valley.

Ribs

Lettering

A

Depending on how the gasket arrives, one may need to twist the gasket so that the lettering is facing "out" and the ribs are furthest away from the pipe, figure A. Please note that this is the opposite way one would want to install the front gasket.

B

Carefully begin to position the gasket on to the pipe and "roll" it to the 4th corrugation valley, figure B, C, D, & E. A flat head screwdriver may be needed to aid in rolling the gasket down the pipe. Figure F shows the final orientation of the gasket with the lettering facing towards the end of the pipe and the gasket ribs firmly filling the corrugation valley.

C

D

4
3
2
1

E

Lettering

F

Step 2: Place Front Gasket onto Pipe

Place the front gasket into the first valley corrugations as shown to the left. The lettering will face the direction in which the adapter will be installed and the gasket will fully fill the valley corrugation.

To the left are two properly installed valley gaskets ready to accept the SaniTite HP MH adapter.

Step 5: Assemble Part

Be sure to lube both gaskets and the leading edge of the adapter. It is important not to damage the adapter during the installation. Additional end protection such as 2x4's or a wooden skid may be necessary to install the adapter. With construction equipment, push the adapter over the end of the pipe that will be installed in the MH.

Once installed, the MH the adapter is NOT be cut or trimmed to the radius of the MH.