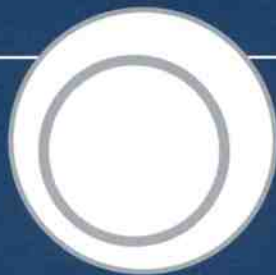


"Oh, S#!T...It doesn't fit..."



IT DOES NOW!!



OFF CENTER SEALS

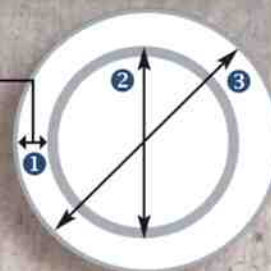
From the Leader in Seal Innovations

The **Metraflex** Company
for pipes in motion

www.metralflex.com/seal

**Enter the following information into the website
Off Center Seal Calculator:**

- 1** The closest dimension of the pipe to the Hole ID
- 2** Pipe OD
- 3** Hole ID



Offset Pipe In Wall Sleeve - Seal Selection Copyright 2002 The Metraflex Company

File

D1 = Sleeve I.D. (inches) 6

D2 = Pipe or Tube O.D. (inches)
Or select from list below right 4.5

H = Smallest Annular Space (inches) 6

PRESS TO DETERMINE REQUIRED SEALS

The lists below can be used for pipe or tube O.D. selection. Highlight the size and press Select button or just double click the size you need. It will automatically be added as the D2' dimension (at the

Steel or PVC Pipe	DI Soil Pipe	Copper Tubing	Thin Wall EMT
1/4 in	2 in	1/2 in	1/2 in
1/2 in	2-1/4 in	3/4 in	3/4 in
3/4 in	3 in	1 in	1 in
1 in	4 in	1-1/4 in	1-1/4 in
1-1/4 in	6 in	1-1/2 in	1-1/2 in
1-1/2 in	8 in	2 in	2 in
2 in	10 in	2-1/2 in	2-1/2 in
2-1/2 in	12 in	3 in	3 in
3 in	14 in	4 in	4 in
3-1/2 in	16 in	6 in	
4 in	18 in	8 in	
4-1/2 in	20 in	10 in	
5 in	24 in	12 in	
6 in	30 in		
7 in	36 in		
8 in	42 in		
9 in	48 in		
10 in			
11 in			
12 in			
14 in			

Select Select Select Select

Seal selections	Filled angle (deg)	Smallest space (in)	Largest space (in)	Free state thickness (at small end if transition) (in)	Expanded state thickness (at large end if transition) (in)
001 SEAL200	23.606	0.600	0.603	0.500	0.620
002 SEAL200/275	21.804	0.627	0.627	0.500	0.780
003 SEAL275	19.476	0.663	0.663	0.620	0.780
004 SEAL275	19.476	0.710	0.710	0.620	0.780
005 SEAL275	19.476	0.760	0.760	0.620	0.780
006 SEAL275/300	26.445	0.825	0.825	0.620	0.880
007 SEAL300/315	33.434	0.883	0.883	0.710	1.030
008 SEAL315	32.972	0.899	0.899	0.820	1.030
009 SEAL315	32.972	0.899	0.899	0.820	1.030
010 SEAL300/315	33.434	0.883	0.883	0.710	1.030
011 SEAL275/300	26.445	0.825	0.825	0.620	0.880
012 SEAL275	19.476	0.760	0.760	0.620	0.780
013 SEAL275	19.476	0.710	0.710	0.620	0.780
014 SEAL275	19.476	0.663	0.663	0.620	0.780
015 SEAL200/275	21.804	0.627	0.627	0.500	0.780

There are millions of offset pipe combinations. Only with the Off Center Seal calculator is it possible to configure the unique sizes needed for your application.

Print the results and fax or e-mail it to your local Metraflex representative.

In addition to these seals Metraflex has a complete line of:

- ✓ Water Tight Wall Penetration Seals
- ✓ Firestopping Seals
- ✓ Sliding Seals that Seal and Allow for Pipe Movement

The **Metraflex** Company
for pipes in motion