

Ref: FAQ0338

Version: 1.0

Title-SoundSens database add new pipe

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(Issue 2)

How to add new pipe information to the SoundSens pipe material database

You may find the HWM SoundSens Software doesn't include all the possible pipe materials/ sizes you might encounter in you system – you can update the software yourself by either manually entering your own sound velocity for a particular pipe or, if you are reasonably PC literate, the pipe database is an Access database called 'PipeDatabase.mdp' in the Soundsens software folder – you can add/edit your own pipe information in here.

Use your Computers 'Explore' facility to find the SoundSens software folder and open it. You should see this – then look for the 'PipeMaterials.mdb' file and highlight it.

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	GNRLWORD.ENG	10/03/2010 12:30	ENG FILE	30 KB		
	B) Dia ab data si ala as dh	10/00/2010 13:01	Application	214 KD		
<u> </u>	Pipewatenais.mdb	22/12/1009 15:02	DIAID Eile	214 KB		
	E) condense tot	24/06/2010 15:26	Text Desument	25 60		
	President tot	05/03/2010 10:44	Text Document	1 KB		
	SNDSWORD FNG	24/06/2010 09:51	FNG File	42 KB		
Corr 7	SNDSWORD,ESP	07/04/2008 12:47	ESP File	40 KB		
osoft.NET	SNDSWORD, FRA	27/10/2006 13:58	FRA File	38 KB		
crosoft ActiveSync	SNDSWORD,H	20/01/2009 10:31	H File	80 KB		
crosoft Office	sndsword.wrd	20/01/2009 10:30	WRD File	52 KB		
crosoft Silverlight	SoundSens.cfg	15/04/2010 09:58	Microsoft Office	3 KB		
rosoft Visual Studio	E SoundSens.cnt	10/11/2000 15:18	CNT File	4 KB		
crosoft works	SoundSens.exe	24/06/2010 10:22	Application	2,664 KB		
Puild	SOUNDSENS.HLP	11/04/2001 14:07	Help File	1,719 KB		
FCache	SoundSens Help.ENG	26/01/2007 10:30	ENG File	12 KB		
XML40	SoundSens Help.FRA	27/10/2006 12:58	FRA File	9 KB		
Waiting	techsprt.txt	04/03/2010 11:02	Text Document	1 KB		
ro PDF	translator.exe	10/06/2010 16:09	Application	1,016 KB		
	Translator Help.ENG	03/02/2006 15:20	ENG File	6 KB		
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Double click on 'PipeMaterials.mdb' (above) to reveal the database as follows -





Then click on SoundVelocity Imperial (if you are operating in Imperial – if in metric open the SoundVelocity file)

PipeMaterials : Database (Access	s 97 file format)	0	
SoundVelocitvImperial : Table		. Tarababb	
Material	Diameter	Sound Velocity	
Steel	10"	3832	
Steel	12"	3701	
Steel	14"	3576	
Steel	16"	3484	
Steel	18"	3392	
Steel	20"	3297	
Steel	24"	3110	
Steel	28"	3074	
Steel	30"	3058	
Steel	32"	3041	
Steel	36"	3009	
Steel	48"	3117	
Cast Iron	2"	4403	
Medium Density Polyethylene	31/2"	1158	
Medium Density Polyethylene	5"	1132	
Ductile Iron Concrete Lined	4"	3675	-
Ductile Iron Concrete Lined	6"	3698	
	v 0		

Type the details of your new Pipe into the bottom line. Then exit the database.

If you carried out an Internet search you might find better information relating to regional pipe configurations locally which you could use (USA, Russia etc).

Having used the equipment to find the leak with the highest level of confidence, it is advisable to always try and verify this with a 'listening stick' or a 'ground microphone' at the actual dimensions pinpointed. This should give you the final confidence before you commit to digging, however it is recognised that this can be difficult in urban areas where high levels of background noise can interfere.

Document History:

Edition	Date of Issue	Modification	Notes
1st	20/05/15	Release	
2nd	16/09/15	Format update	