



# **THERMAFIBER® PRO SECTION WR MINERAL WOOL PIPE INSULATION SIZING MANUAL**





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# MINERAL WOOL PIPE INSULATION SIZING MANUAL

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The following Thermafiber® Pro Section WR Mineral Wool Pipe Insulation sizing tables are aligned with various metal and polymer pipes as well as tubing used in construction.

The information is provided for Engineers and Specifiers to aid in design for insulating pipe systems with mineral wool preformed-pipe. Included with each pipe insulation size are the Outer-Dimensions to assist in determining proper space and hole sizes needed for installation. And to aid Contractors in ordering the correct specified pipe insulation and components.

## **Saddle Supports**

Contained with the pipe sizes are the recommended saddle sizes that have been aligned with standard saddles available in the field. Consult saddle manufacturers' Outer-Dimension (OD) and Inner-Dimension (ID) for correct sizing to align with the stated pipe OD.

Saddle sizes may need to be increased with the addition of field applied jacketing. Jacketing thickness should be added to the pipe insulation OD for proper saddle sizing.

## **PVC Fitting Covers:**

Aligned with each pipe and tubing size, and insulation thickness is the suggested PVC Fitting Cover number.

# MINERAL WOOL PIPE INSULATION

Iron Pipe Insulation Sizing Tables - Imperial Size; all dimensions in inches

NOTE: All sections are 48" in length; Adding jacketing thickness may cause increase to Saddle Size.

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE		
1/2	0.840	1	1/2 x 1	2.84	8.91	3	7
		1-1/2	1/2 x 1-1/2	4.02	12.62	4.5	10
		2	1/2 x 2	5.04	15.83	5.5	12
3/4	1.050	1	3/4 x 1	2.84	8.91	3	7
		1-1/2	3/4 x 1-1/2	4.02	12.62	4.5	10
		2	3/4 x 2	5.04	15.83	5.5	12
1	1.315	1	1 x 1	3.62	11.38	4	9
		1-1/2	1 x 1-1/2	4.53	14.22	5	11
		2	1 x 2	5.56	17.44	6	13
1-1/4	1.660	1	1-1/4 x 1	3.62	11.38	4	9
		1-1/2	1-1/4 x 1-1/2	5.04	15.83	5.5	12
		2	1-1/4 x 2	5.55	17.44	6	13
		2-1/2	1-1/4 x 2-1/2	6.58	20.66	7	15
		3	1-1/4 x 3	7.60	23.87	8	17
		3-1/2	1-1/4 x 3-1/2	8.62	27.09	9	18
		4	1-1/4 x 4	9.65	30.30	10	19
1-1/2	1.900	1	1-1/2 x 1	4.02	12.62	4.5	10
		1-1/2	1-1/2 x 1-1/2	5.04	15.83	5.5	12
		2	1-1/2 x 2	6.58	20.66	7	15
		2-1/2	1-1/2 x 3	7.60	23.87	8	17
		3	1-1/2 x 3-1/2	8.62	27.09	9	18
		3-1/2	1-1/2 x 4	9.65	30.30	10	19
		4	1-1/2 x 4-1/2	10.67	33.52	11	20
2	2.375	1	2 x 1	4.53	14.22	5	11
		1-1/2	2 x 1-1/2	5.55	17.44	6	13
		2	2 x 2	6.58	20.66	7	15
		2-1/2	2 x 2-1/2	7.60	23.87	8	17
		3	2 x 3	8.62	27.09	9	18
		3-1/2	2 x 3-1/2	9.65	30.30	10	19
		4	2 x 4	10.67	33.52	11	20
2-1/2	2.875	1	2-1/2 x 1	5.04	15.81	5.5	12
		1-1/2	2-1/2 x 2	6.58	20.66	7	15
		2	2-1/2 x 2-1/2	7.60	23.87	8	17
		2-1/2	2-1/2 x 3	8.62	27.09	9	18
		3	2-1/2 x 3-1/2	9.65	30.30	10	19
		3-1/2	2-1/2 x 4	10.67	33.52	11	20
		4	2-1/2 x 4-1/2	11.69	36.73	12	21
3	3.500	1	3 x 1	5.55	17.44	6	13
		1-1/2	3 x 1-1/2	6.58	20.66	7	15
		2	3 x 2	7.60	23.87	8	17
		2-1/2	3 x 2-1/2	8.62	27.09	9	18
		3	3 x 3	9.65	30.30	10	19
		3-1/2	3 x 3-1/2	10.67	33.52	11	20
		4	3 x 4	11.69	36.73	12	21
3-1/2	4.000	1	3-1/2 x 1	6.56	20.66	7	15
		1-1/2	3-1/2 x 1-1/2	7.60	23.87	8	17
		2	3-1/2 x 2	8.62	27.09	9	18
		2-1/2	3-1/2 x 2-1/2	9.65	30.30	10	19
		3	3-1/2 x 3	10.67	33.52	11	20
		3-1/2	3-1/2 x 3-1/2	11.69	36.73	12	21
		4	3-1/2 x 4	12.72	39.95	13	22

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE		
4	4.500	1	4 x 1	6.58	20.66	7	15
		1-1/2	4 x 1-1/2	7.62	23.87	8	17
		2	4 x 2	8.62	27.09	9	18
		2-1/2	4 x 2-1/2	9.62	30.30	10	19
		3	4 x 3	10.75	33.52	11	20
		3-1/2	4 x 3-1/2	11.75	36.73	12	21
		4	4 x 4	12.75	39.95	13	22
4-1/2	5.000	1	4-1/2 x 1-1/2	7.60	23.87	8	17
		1-1/2	4-1/2 x 2	8.62	27.09	9	18
		2	4-1/2 x 2-1/2	9.65	30.30	10	19
		2-1/2	4-1/2 x 3	10.67	33.52	11	20
		3	4-1/2 x 3-1/2	11.69	36.73	12	21
		3-1/2	4-1/2 x 4	12.72	39.95	13	22
		4	4-1/2 x 4-1/2	14.25	44.77	15	23
5 Note 1	5.563	1	5 x 1	7.60	23.87	8	17
		1-1/2	5 x 1-1/2	8.62	27.09	9	18
		2	5 x 2	9.65	30.30	10	19
		2-1/2	5 x 2-1/2	10.67	33.52	11	20
		3	5 x 3	11.69	36.73	12	21
		3-1/2	5 x 3-1/2	12.72	39.95	13	22
6	6.625	1	6 x 1	8.62	27.09	9	18
		1-1/2	6 x 1-1/2	9.65	30.30	10	19
		2	6 x 2	10.67	33.52	11	20
		2-1/2	6 x 2-1/2	11.69	36.73	12	21
		3	6 x 3	12.72	39.95	13	22
		3-1/2	6 x 3-1/2	14.25	44.77	15	23
		4	6 x 4	14.76	46.38	15	24
7	7.625	1-1/2	7 x 1-1/2	10.67	33.52	11	20
		2	7 x 2	11.69	36.73	12	21
		2-1/2	7 x 2-1/2	12.72	39.95	13	22
		3	7 x 3	14.25	44.77	15	23
		3-1/2	7 x 3-1/2	14.76	46.38	15	24
8	8.625	1-1/2	8 x 1-1/2	11.69	36.73	12	21
		2	8 x 2	12.72	39.95	13	22
		2-1/2	8 x 2-1/2	14.02	44.00	15	23
		3	8 x 3	14.76	44.03	15	24
		3-1/2	8 x 3-1/2	15.79	49.60	16	25
9	9.625	1-1/2	9 x 1-1/2	12.72	39.95	13	22
		2	9 x 2	14.02	44.00	15	23
		2-1/2	9 x 2-1/2	14.76	44.03	15	24
		3	9 x 3	15.79	49.60	16	25
		3-1/2	9 x 3-1/2	16.81	52.81	17	26
10	10.750	1-1/2	10 x 1-1/2	14.02	44.00	15	23
		2	10 x 2	14.76	44.03	15	24
		2-1/2	10 x 2-1/2	15.79	49.60	16	25
		3	10 x 3	16.81	52.81	17	26
		3-1/2	10 x 3-1/2	17.84	56.03	18	27
		4	10 x 4	18.89	59.24	19	28

Note 1: 5" pipe OD to the insulation ID will fit tight.

Note 2: 11" pipe OD to the insulation ID will be approximately 0.25" loose fitting.

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE		
11 Note 2	11.750	1-1/2	11 x 1-1/2	14.76	44.03	15	24
		2	11 x 2	15.79	49.60	16	25
		2-1/2	11 x 2-1/2	16.81	52.81	17	26
		3	11 x 3	17.84	56.03	18	27
		3-1/2	11 x 3-1/2	18.89	59.24	19	28
		4	11 x 4	19.88	62.46	20	29
12	12.750	1-1/2	12 x 1-1/2	15.79	49.60	16	25
		2	12 x 2	16.81	52.81	17	26
		2-1/2	12 x 2-1/2	17.84	56.03	18	27
		3	12 x 3	18.89	59.24	19	28
		3-1/2	12 x 3-1/2	19.88	62.46	20	29
		4	12 x 4	20.90	65.68	21	30
14	14.000	1-1/2	14 x 1-1/2	16.81	52.81	17	26
		2	14 x 2	17.84	56.03	18	27
		2-1/2	14 x 2-1/2	18.89	59.24	19	28
		3	14 x 3	19.88	62.46	20	29
		3-1/2	14 x 3-1/2	20.90	65.68	21	30
		4	14 x 4	21.93	68.89	22	31
15 Note 3	15.000	1-1/2	15 x 1-1/2	17.84	56.03	18	27
		2	15 x 2	18.89	59.24	19	28
		2-1/2	15 x 2-1/2	19.88	62.46	20	29
		3	15 x 3	20.90	65.68	21	30
		3-1/2	15 x 3-1/2	21.93	68.89	22	31
		4	15 x 4	22.95	72.11	23	32
16	16.000	1-1/2	16 x 1-1/2	18.89	59.24	19	28
		2	16 x 2	19.88	62.46	20	29
		2-1/2	16 x 2-1/2	20.90	65.68	21	30
		3	16 x 3	21.93	68.89	22	31
		3-1/2	16 x 3-1/2	22.95	72.11	23	32
		4	16 x 4	23.98	75.32	24	33
17 Note 3	17.000	1-1/2	17 x 1-1/2	19.88	62.46	20	29
		2	17 x 2	20.90	65.68	21	30
		2-1/2	17 x 2-1/2	21.93	68.89	22	31
		3	17 x 3	22.95	72.11	23	32
		3-1/2	17 x 3-1/2	23.98	75.32	24	33
		4	17 x 4	25.00	78.54	25	34
18	18.000	1-1/2	18 x 1-1/2	20.90	65.68	21	30
		2	18 x 2	21.93	68.89	22	31
		2-1/2	18 x 2-1/2	22.95	72.11	23	32
		3	18 x 3	23.98	75.32	24	33
		3-1/2	18 x 3-1/2	25.00	78.54	25	34
		4	18 x 4	25.91	81.38	26	35
19 Note 3	19.000	1-1/2	19 x 1-1/2	21.93	68.89	22	31
		2	19 x 2	22.95	72.11	23	32
		2-1/2	19 x 2-1/2	23.98	75.32	24	33
		3	19 x 3	25.00	78.54	25	34
		3-1/2	19 x 3-1/2	25.91	81.38	26	35
		4	19 x 4	26.93	84.60	27	36
20	20.000	1-1/2	20 x 1-1/2	22.95	72.11	23	32
		2	20 x 2	23.98	75.32	24	33
		2-1/2	20 x 2-1/2	25.00	78.54	25	34
		3	20 x 3	26.02	81.76	26	35
		3-1/2	20 x 3-1/2	26.93	84.60	27	36
		4	20 x 4	27.91	87.69	28	37

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE		
21	21.000	1-1/2	21 x 1-1/2	23.98	75.32	24	33
		2	21 x 2	25.00	78.54	25	34
		2-1/2	21 x 2-1/2	25.91	81.38	26	35
		3	21 x 3	26.93	84.60	27	36
		3-1/2	21 x 3-1/2	27.91	87.69	28	37
		4	21 x 4	28.94	90.91	29	38
22	22.000	1-1/2	22 x 1-1/2	25.00	78.54	25	34
		2	22 x 2	25.91	81.38	26	35
		2-1/2	22 x 2-1/2	26.93	84.60	27	36
		3	22 x 3	27.91	87.69	28	37
		3-1/2	22 x 3-1/2	28.94	90.91	29	38
		4	22 x 4	29.92	94.00	30	39
24 Note 4	24.000	1-1/2	24 x 1-1/2	27.05	84.97	28	36
		2	24 x 2	28.07	88.19	29	37
		2-1/2	24 x 2-1/2	29.09	91.40	30	38
		3	24 x 3	30.12	94.62	31	39
		3-1/2	24 x 3-1/2	30.91	97.09	31	40
		4	24 x 4	31.93	100.31	32	41
26 Note 4	26.000	1-1/2	26 x 1-1/2	28.94	90.91	29	38
		2	26 x 2	29.92	94.00	30	39
		2-1/2	26 x 2-1/2	30.91	97.09	31	40
		3	26 x 3	31.93	100.31	32	41
		3-1/2	26 x 3-1/2	32.95	103.52	33	42
		4	26 x 4	33.94	106.62	34	43
28 Note 4	28.000	1-1/2	28 x 1-1/2	30.91	97.09	31	40
		2	28 x 2	31.93	100.31	32	41
		2-1/2	28 x 2-1/2	32.95	103.52	33	42
		3	28 x 3	33.94	106.62	34	43
		3-1/2	28 x 3-1/2	34.92	109.71	35	44
		4	28 x 4	35.91	112.80	36	45
30	30.000	1-1/2	30 x 1-1/2	33.12	104.27	33	42
		2	30 x 2	33.94	106.62	34	43
		2-1/2	30 x 2-1/2	34.92	109.71	35	44
		3	30 x 3	35.91	112.80	36	45
		3-1/2	30 x 3-1/2	36.93	116.02	37	-
		4	30 x 4	37.91	119.11	38	-

Note 3: 15", 17", and 19" pipe insulation ID will fit very tight.

Note 4: 24", 26", and 28" pipe OD to the insulation ID will be approximately 0.25" loose fitting.



# MINERAL WOOL PIPE NESTED INSULATION

Iron Pipe Insulation Sizing Tables - Imperial Size; all dimensions in inches

NOTE: All sections are 48" in length; Adding jacketing thickness may cause to increase Saddle Size.

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
1/2	0.840	2	1/2 x 1					
			2-1/2 x 1	5.04	15.83	5.5	12	
		2-1/2	1/2 x 1					
			2-1/2 x 1-1/2	6.58	20.66	7	15	
		3	1/2 x 1-1/2					
			3-1/2 x 1-1/2	7.60	23.87	8	17	
		3-1/2	1/2 x 1-1/2					
			3-1/2 x 2	8.62	27.09	9	18	
		4.00	1/2 x 2					
			4-1/2 x 2	9.65	30.30	10	19	
		4-1/2	1/2 x 2					
			4-1/2 x 2-1/2	10.70	33.52	11	20	
		5	1/2 x 2					
			4-1/2 x 3	11.69	36.73	12	21	
5-1/2	1/2 x 2							
	4-1/2 x 3-1/2	12.72	39.95	13	22			
6	1/2 x 2							
	4-1/2 x 4	14.25	44.77	15	23			
3/4	1.050	2	3/4 x 1					
			2-1/2 x 1	5.04	15.83	5.5	12	
		2-1/2	3/4 x 1					
			2-1/2 x 1-1/2	6.58	20.66	7	15	
		3	3/4 x 1					
			2-1/2 x 2	7.60	23.87	8	17	
		3-1/2	3/4 x 1-1/2					
			3-1/2 x 2	8.62	27.08	9	18	
		4	3/4 x 2					
			4-1/2 x 2	9.65	30.30	10	19	
		4-1/2	3/4 x 2					
			4-1/2 x 2-1/2	10.70	33.52	11	20	
		5	3/4 x 2					
			4-1/2 x 3	11.69	36.73	12	21	
5-1/2	3/4 x 2							
	4-1/2 x 3-1/2	12.72	39.95	13	22			
6	3/4 x 2							
	4-1/2 x 4	14.25	44.77	15	23			
1	1.315	2*	1 x 1					
			3-1/2 x 1	6.56	20.66	7	15	
		2-1/2*	1 x 1					
			3-1/2 x 1-1/2	7.60	23.87	8	17	
		3	1 x 1-1/2					
			4 x 1-1/2	7.60	23.87	8	17	
		3-1/2	1 x 1-1/2					
			4 x 2	8.62	27.09	9	18	
		4	1 x 2					
			5 x 2	9.65	30.30	10	19	
		4-1/2	1 x 1-1/2					
			4 x 3	10.67	33.52	11	20	
		5	1 x 2					
			5 x 3	11.69	36.73	12	21	
5-1/2	1 x 2							
	5 x 3-1/2	12.72	39.95	13	22			
6	1 x 2							
	5 x 4	14.25	44.77	15	23			

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
1-1/4	1.660	2*	1-1/4 x 1					
			3-1/2 x 1	6.58	20.66	7	15	
		2-1/2*	1-1/4 x 1					
			3-1/2 x 1-1/2	7.60	23.87	8	17	
		3	1-1/4 x 1-1/2					
			4-1/2 x 1-1/2	8.62	27.09	9	18	
		3-1/2	1-1/4 x 1-1/2					
			4-1/2 x 2	9.65	30.30	10	19	
		4	1-1/4 x 2					
			5 x 2	9.65	30.30	10	19	
		4-1/2	1-1/4 x 2					
			5 x 2-1/2	10.67	33.52	11	20	
		5	1-1/4 x 2					
			5 x 3	11.69	36.73	12	21	
5-1/2	1-1/4 x 2							
	5 x 3-1/2	12.72	39.95	13	22			
6	1-1/4 x 2							
	5 x 4	14.25	44.77	15	23			
1-1/2	1.900	2	1-1/2 x 1					
			3-1/2 x 1	6.58	20.66	7	15	
		2-1/2	1-1/2 x 1					
			3-1/2 x 1-1/2	7.60	23.87	8	17	
		3	1-1/2 x 1-1/2					
			4-1/2 x 1-1/2	8.62	27.09	9	18	
		3-1/2	1-1/2 x 1-1/2					
			4-1/2 x 2	9.65	30.30	10	19	
		4	1-1/2 x 2					
			6 x 2	10.70	33.52	11	20	
		4-1/2	1-1/2 x 2					
			6 x 2-1/2	11.69	36.73	12	21	
		5	1-1/2 x 2					
			6 x 3	12.72	40.00	13	22	
5-1/2	1-1/2 x 2							
	6 x 3-1/2	14.25	44.77	15	23			
6	1-1/2 x 2							
	6 x 4	14.76	46.38	15	24			
2	2.375	2	2 x 1					
			4 x 1	6.58	20.66	7	15	
		2-1/2	2 x 1					
			4 x 1-1/2	7.60	23.87	8	17	
		3	2 x 1-1/2					
			5 x 1-1/2	8.62	27.09	9	18	
		3-1/2	2 x 2					
			6 x 1-1/2	9.65	30.30	10	19	
		4	2 x 2					
			6 x 2	10.70	33.52	11	20	
		4-1/2	2 x 2					
			6 x 2-1/2	11.69	36.73	12	21	
		5	2 x 2					
			6 x 3	12.72	40.00	13	22	
5-1/2	2 x 2							
	6 x 3-1/2	14.25	44.77	15	23			
6	2 x 3							
	8 x 3	14.76	46.38	15	24			

\* 2nd layer may fit loose.

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
2-1/2	2.875	2	2-1/2 x 1					
			4-1/2 x 1	7.60	23.87	8	17	
		2-1/2	2-1/2 x 1					
			4-1/2 x 1-1/2	8.62	27.09	9	18	
		3	2-1/2 x 1-1/2					
			6 x 1-1/2	9.65	30.30	10	19	
		3-1/2	2-1/2 x 1-1/2					
			6 x 2	10.70	33.52	11	20	
		4	2-1/2 x 2					
			7 x 2	11.69	36.73	12	21	
		4-1/2	2-1/2 x 2					
			7 x 2-1/2	12.72	39.95	13	22	
		5	2-1/2 x 2					
			7 x 3	14.25	44.77	15	23	
		5-1/2	2-1/2 x 2					
			7 x 3-1/2	14.76	46.38	15	24	
		6	2-1/2 x 2					
			7 x 4	15.79	49.60	16	25	
3	3.500	2	3 x 1					
			5 x 1	7.60	23.87	8	17	
		2-1/2	3 x 1					
			5 x 1-1/2	8.62	27.09	9	18	
		3	3 x 1-1/2					
			6 x 1-1/2	9.65	30.30	10	19	
		3-1/2	3 x 1-1/2					
			6 x 2	10.70	33.52	11	20	
		4	3 x 1-1/2					
			6 x 2-1/2	11.69	36.73	12	21	
		4-1/2	3 x 2					
			7 x 2-1/2	12.72	39.95	13	22	
		5	3 x 2-1/2					
			8 x 2-1/2	14.02	44.03	14.5	23	
		5-1/2	3 x 2-1/2					
			8 x 3	14.76	46.38	15	24	
		6	3 x 2-1/2					
			8 x 3-1/2	15.79	49.60	16	25	
3-1/2	4.000	2	3-1/2 x 1					
			6 x 1	8.62	27.09	9	18	
		2-1/2	3-1/2 x 1					
			6 x 1-1/2	9.65	30.30	10	19	
		3	3-1/2 x 1					
			6 x 2	10.70	33.52	11	20	
		3-1/2	3-1/2 x 2					
			8 x 1-1/2	11.69	36.73	12	21	
		4	3-1/2 x 2					
			8 x 2	12.72	39.95	13	22	
		4-1/2	3-1/2 x 2					
			8 x 2-1/2	14.02	44.03	15	23	
		5	3-1/2 x 2					
			8 x 3	14.76	46.38	15	24	
		5-1/2	3-1/2 x 2					
			8 x 3-1/2	15.79	49.60	16	25	
		6	3-1/2 x 3					
			10 x 3	16.11	52.81	17	26	

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
4	4.500	2	4 x 1					
			6 x 1	8.62	27.08	9	18	
		2-1/2	4 x 1					
			6 x 1-1/2	9.65	30.30	10	19	
		3	4 x 1					
			6 x 2	10.70	33.52	11	20	
		3-1/2	4 x 2					
			8 x 1-1/2	11.69	36.73	12	21	
		4	4 x 2					
			8 x 2	12.72	39.95	13	22	
		4-1/2	4 x 2					
			8 x 2-1/2	14.02	44.03	15	23	
		5	4 x 2					
			8 x 3	14.76	46.38	15	24	
		5-1/2	4 x 2					
			8 x 3-1/2	15.79	49.60	16	25	
		6	4 x 3					
			10 x 3	16.81	52.81	17	26	
4-1/2	5.000	3	4-1/2 x 1-1/2					
			8 x 1-1/2	11.69	36.73	12	21	
		3-1/2	4-1/2 x 1-1/2					
			8 x 2	12.72	39.95	13	22	
		4	4-1/2 x 1-1/2					
			8 x 2-1/2	14.02	44.03	15	23	
		4-1/2	4-1/2 x 2					
			9 x 2-1/2	14.76	46.38	15	24	
		5*	4-1/2 x 2-1/2					
			10 x 2-1/2	15.79	49.60	16	25	
		5-1/2*	4-1/2 x 2-1/2					
			10 x 3	16.81	52.81	17	26	
6*	4-1/2 x 3							
	11 x 3	17.84	56.03	18	27			
5	5.563	3	5 x 1-1/2					
			8 x 1-1/2	11.69	36.73	12	21	
		3-1/2	5 x 1-1/2					
			8 x 2	12.72	39.95	13	22	
		4	5 x 1-1/2					
			8 x 2-1/2	14.02	44.03	15	23	
		4-1/2	5 x 2					
			9 x 2-1/2	14.76	46.38	15	24	
		5*	5 x 2-1/2					
			10 x 2-1/2	15.79	49.60	16	25	
		5-1/2*	5 x 2-1/2					
			10 x 3	16.81	52.81	17	26	
6*	5 x 2-1/2							
	10 x 3-1/2	17.84	56.03	18	27			

\* 2nd layer may fit loose.

# MINERAL WOOL PIPE NESTED INSULATION

Iron Pipe Insulation Sizing Tables - Imperial Size; all dimensions in inches

NOTE: All sections are 48" in length; Adding jacketing thickness may cause to increase Saddle Size.

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
6	6.625	3	6 x 1					
			8 x 2	12.72	39.95	13	22	
		3-1/2	6 x 2					
			10 x 1-1/2	14.02	44.03	15	23	
		4	6 x 2					
			10 x 2	14.76	46.38	15	24	
		4-1/2	6 x 2					
			10 x 2-1/2	15.79	49.60	16	25	
		5*	6 x 2					
			10 x 3	16.81	52.81	17	26	
5-1/2*	6 x 2							
	10 x 3-1/2	17.84	56.03	18	27			
6*	6 x 3							
	12 x 3	18.86	59.24	19	28			
7	7.625	3	7 x 1-1/2					
			10 x 1-1/2	14.02	44.03	15	23	
		3-1/2	7 x 1-1/2					
			10 x 2	14.76	46.38	15	24	
		4*	7 x 2					
			11 x 2	15.77	49.60	16	25	
		4-1/2*	7 x 2					
			11 x 2-1/2	16.82	52.81	17	26	
		5 Note 1	7 x 3					
			14 x 2	17.84	56.03	18	27	
5-1/2 Note 1	7 x 3							
	14 x 2-1/2	18.86	59.24	19	28			
6 Note 1	7 x 3							
	14 x 3	19.88	62.46	20	29			
8	8.625	3*	8 x 1-1/2					
			11 x 1-1/2	14.75	46.38	15	24	
		3-1/2*	8 x 1-1/2					
			11 x 2	15.79	49.60	16	25	
		4	8 x 2					
			12 x 2	16.82	52.81	17	26	
		4-1/2	8 x 2					
			12 x 2-1/2	17.84	56.03	18	27	
		5	8 x 2					
			12 x 3	18.86	59.24	19	28	
5-1/2	8 x 2							
	12 x 3-1/2	19.88	62.46	20	29			
6	8 x 3							
	15 x 3	20.91	65.68	21	30			
9	9.625	3*	9 x 1-1/2					
			12 x 1-1/2	15.79	49.60	16	25	
		3-1/2*	9 x 1-1/2					
			12 x 2	16.81	52.81	17	26	
		4*	9 x 2					
			14 x 2	17.84	56.03	18	27	
		4-1/2*	9 x 2					
			14 x 2-1/2	18.86	59.24	19	28	
		5*	9 x 3					
			16 x 2	19.88	62.46	20	29	
5-1/2*	9 x 3							
	16 x 2-1/2	20.91	65.68	21	30			
6*	9 x 3							
	16 x 3	21.93	68.89	22	31			

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
10	10.750	3	10 x 1-1/2					
			14 x 1-1/2	16.81	52.81	17	26	
		3-1/2	10 x 1-1/2					
			14 x 2	17.84	56.03	18	27	
		4*	10 x 2					
			15 x 2	18.86	59.24	19	28	
		4-1/2*	10 x 2					
			15 x 2-1/2	19.88	62.46	20	29	
		5*	10 x 2					
			15 x 3	20.91	65.68	21	30	
5-1/2	10 x 2							
	15 x 3-1/2	21.93	68.89	22	31			
6	10 x 3							
	17 x 3	22.95	72.11	23	32			
11	11.750	3*	11 x 1-1/2					
			15 x 1-1/2	17.84	56.03	18	27	
		3-1/2*	11 x 1-1/2					
			15 x 2	18.86	59.24	19	28	
		4*	11 x 2					
			16 x 2	19.88	62.46	20	29	
		4-1/2*	11 x 2					
			16 x 2-1/2	20.91	65.68	21	30	
		5*	11 x 3					
			18 x 2	21.93	68.89	22	31	
5-1/2*	11 x 3							
	18 x 2-1/2	22.95	72.11	23	32			
6*	11 x 3							
	18 x 3	23.98	75.32	24	33			
12	12.750	3*	12 x 1-1/2					
			16 x 1-1/2	18.86	59.24	19	28	
		3-1/2*	12 x 1-1/2					
			16 x 2	19.88	62.46	20	29	
		4	12 x 2					
			17 x 2	20.91	65.68	21	30	
		4-1/2	12 x 2					
			17 x 2-1/2	21.93	68.89	22	31	
		5	12 x 3					
			19 x 2	22.95	72.11	23	32	
5-1/2	12 x 3							
	19 x 2-1/2	23.98	75.32	24	33			
6	12 x 3							
	19 x 3	25.00	78.54	25	34			
14	14.000	3	14 x 1-1/2					
			17 x 1-1/2	19.88	62.46	20	29	
		3-1/2	14 x 1-1/2					
			17 x 2	20.91	65.68	21	30	
		4*	14 x 2					
			18 x 2	21.93	68.89	22	31	
		4-1/2*	14 x 2					
			18 x 2-1/2	22.95	72.11	23	32	
		5*	14 x 2					
			18 x 3	23.98	75.32	24	33	
5-1/2*	14 x 2							
	18 x 3-1/2	25.00	78.54	26	34			
6*	14 x 3							
	20 x 3	26.02	81.76	27	35			

\* 2nd layer may fit loose.

Note 1: On 7" pipe - for 5", 5-1/2", and 6", in between the two layers will be tight.

Note 2: 15", 17", and 19" pipe insulation ID first layer will fit very tight.



IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
15 Note 2	15.000	3*	15 x 1-1/2					
			18 x 1-1/2	20.91	65.68	21	30	
		3-1/2*	15 x 1-1/2					
			18 x 2	21.93	68.89	22	31	
		4*	15 x 2					
			19 x 2	22.95	72.11	23	32	
		4-1/2*	15 x 2					
			19 x 2-1/2	23.98	75.32	24	33	
		5*	15 x 3					
			21 x 2	25.00	78.54	25	34	
5-1/2*	15 x 3							
	21 x 2-1/2	25.91	81.38	26	35			
6*	15 x 3							
	21 x 3	26.93	84.60	27	36			
16	16.000	3*	16 x 1-1/2					
			19 x 1-1/2	21.93	68.89	22	31	
		3-1/2*	16 x 1-1/2					
			19 x 2	22.95	72.11	23	32	
		4*	16 x 2					
			20 x 2	23.98	75.32	24	33	
		4-1/2*	16 x 2					
			20 x 2-1/2	25.00	78.54	25	34	
		5*	16 x 2					
			20 x 3	26.02	81.76	27	35	
5-1/2*	16 x 2							
	20 x 3-1/2	26.93	84.60	27	36			
6*	16 x 3							
	22 x 3	27.91	87.69	28	37			
17 Note 3	17.000	3*	17 x 1-1/2					
			20 x 1-1/2	22.95	72.11	23	32	
		3-1/2*	17 x 1-1/2					
			20 x 2	23.98	75.32	24	33	
		4*	17 x 2					
			21 x 2	25.00	78.54	25	34	
		4-1/2*	17 x 2					
			21 x 2-1/2	25.91	81.38	26	35	
		5*	17 x 2-1/2					
			22 x 2	25.91	81.38	26	35	
5-1/2*	17 x 2-1/2							
	22 x 2-1/2	26.93	84.60	27	36			
18	18.000	3*	18 x 1-1/2					
			21 x 1-1/2	23.98	75.32	24	33	
		3-1/2*	18 x 1-1/2					
			21 x 2	25.00	78.54	25	34	
		4	18 x 2					
			22 x 2	25.91	81.38	26	35	
		4-1/2	18 x 2					
			22 x 2-1/2	26.93	84.60	27	36	
		5	18 x 2					
			22 x 3	27.91	87.69	28	37	
5-1/2	18 x 2							
	22 x 3-1/2	28.94	90.91	29	38			
6*	18 x 3							
	24 x 3	29.01	91.40	30	39			

IRON PIPE		MINERAL WOOL PIPE INSULATION				SADDLE OD	PVC COVERS	
SIZE	OD	THICKNESS	ORDER SIZE	OD	CIRCUMFERENCE			
19 Note 3	19.000	3	19 x 1-1/2					
			22 x 1-1/2	25.00	78.54	25	34	
		3-1/2	19 x 1-1/2					
22 x 2	25.91		81.38	26	35			
20	20.000	4**	20 x 2					
			24 x 2	28.07	88.19	28	37	
		4-1/2**	20 x 2					
			24 x 2-1/2	29.09	91.40	29	38	
		5**	20 x 2					
			24 x 3	30.12	94.62	30	39	
		5-1/2**	20 x 2					
			24 x 3-1/2	30.91	97.09	31	40	
		6**	20 x 3					
			26 x 3	31.93	100.31	32	41	

\* 2nd layer may fit loose.

\*\* For 20" pipe, there will be an approximate 0.25" gap between the two layers.







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Pub. No.10023334-A. Printed in U.S.A. February 2019.  
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