

INDUSTRIAL PIPE INSULATION

Recommended Double-Layer Pipe Combinations

Nom. Pipe Size (In.)	Inner Layer Outer Layer	Wall Thickness (Inches)							
		2½"	3"	3½"	4"	4½"	5"	5½"	6"
½	Inner	½ x 1	½ x 2	½ x 2	½ x 2	-	-	-	-
	Outer	2½ x 1½	4½ x 1	4½ x 1½	4½ x 2	-	-	-	-
¾	Inner	¾ x 1	¾ x 1½	¾ x 1½	¾ x 2	-	-	-	-
	Outer	2½ x 1½	3½ x 1½	3½ x 2	4½ x 2	-	-	-	-
1	Inner	1 x 1	1 x 1½	1 x 1½	1 x 2	1 x 2½	1 x 2½	-	-
	Outer	3 x 1½	4 x 1½	4 x 2	5 x 2	6 x 2	6 x 2½	-	-
1¼	Inner	1¼ x 1	1¼ x 1½	1¼ x 1½	1¼ x 2	1¼ x 2½	1¼ x 2½	-	-
	Outer	3 x 1½	4½ x 1½	4½ x 2	5 x 2	6 x 2	6 x 2½	-	-
1½	Inner	1½ x 1½	1½ x 1½	1½ x 1½	1½ x 2	1½ x 2	1½ x 2	-	-
	Outer	4½ x 1	4½ x 1½	4½ x 2	6 x 2	6 x 2½	6 x 3	-	-
2	Inner	2 x 1	2 x 1½	2 x 1½	2 x 2	2 x 2½	2 x 2½	-	-
	Outer	4 x 1½	5 x 1½	5 x 2	6 x 2	7 x 2	7 x 2½	-	-
2½	Inner	2½ x 1	2½ x 1½	2½ x 1½	2½ x 2	2½ x 2½	2½ x 2½	-	-
	Outer	4½ x 1½	6 x 1½	6 x 2	7 x 2	8 x 2	8 x 2½	-	-
3	Inner	3 x 1	3 x 1½	3 x 1½	3 x 2	3 x 2½	3 x 2½	3 x 3	3 x 3
	Outer	5 x 1½	6 x 1½	6 x 2	7 x 2	8 x 2	8 x 2½	9 x 2½	9 x 3
3½	Inner	3½ x 1	3½ x 1½	3½ x 1½	3½ x 2	3½ x 2½	3½ x 2½	3½ x 3	3½ x 3
	Outer	6 x 1½	7 x 1½	7 x 2	8 x 2	9 x 2	9 x 2½	10 x 2½	10 x 3
4	Inner	4 x 1	4 x 1½	4 x 2	4 x 2	4 x 2½	4 x 2½	4 x 3	4 x 3
	Outer	6 x 1½	7 x 1½	8 x 1½	8 x 2	9 x 2	9 x 2½	10 x 2½	10 x 3
4½	Inner	4½ x 1	4½ x 1½	4½ x 1½	4½ x 2	4½ x 2½	4½ x 2½	4½ x 3	4½ x 3
	Outer	7 x 1½	8 x 1½	8 x 2	9 x 2	10 x 2	10 x 2½	11 x 2½	11 x 3
5	Inner	5 x 1	5 x 1½	5 x 1½	5 x 2	5 x 2½	5 x 2½	5 x 3	5 x 3
	Outer	7 x 1½	8 x 1½	8 x 2	9 x 2	10 x 2	10 x 2½	11 x 2½	11 x 3
6	Inner	-	6 x 1½	6 x 2	6 x 2	6 x 2½	6 x 2½	6 x 3	6 x 3
	Outer	-	9 x 1½	10 x 1½	10 x 2	11 x 2	11 x 2½	12 x 2½	12 x 3
8	Inner	-	8 x 1½	8 x 1½	8 x 2	8 x 2½	8 x 2½	8 x 3	8 x 3
	Outer	-	11 x 1½	11 x 2	12 x 2	14 x 2	14 x 2½	15 x 2½	15 x 3
10	Inner	-	10 x 1½	10 x 1½	10 x 2	10 x 2½	10 x 2½	10 x 3	10 x 3
	Outer	-	14 x 1½	14 x 2	15 x 2	16 x 2	16 x 2½	17 x 2½	17 x 3
12	Inner	-	12 x 1½	12 x 1½	12 x 2	12 x 2½	12 x 3	12 x 3	12 x 3
	Outer	-	16 x 1½	16 x 2	17 x 2	18 x 2	19 x 2	19 x 2½	19 x 3
14	Inner	-	14 x 1½	14 x 2	14 x 2	14 x 2½	14 x 3	14 x 3	14 x 3
	Outer	-	17 x 1½	18 x 1½	18 x 2	19 x 2	20 x 2	20 x 2½	20 x 3

INDUSTRIAL PIPE INSULATION**Recommended Double-Layer Pipe Combinations, continued**

Nom. Pipe Size (In.)	Inner Layer Outer Layer	Wall Thickness (Inches)							
		2½"	3"	3½"	4"	4½"	5"	5½"	6"
16	Inner	-	16 x 1½	16 x 2	16 x 2	16 x 3	16 x 3	16 x 3	16 x 3
	Outer	-	19 x 1½	20 x 1½	20 x 2	22 x 1½	22 x 2	22 x 2½	22 x 3
18	Inner	-	18 x 1½	18 x 2	18 x 2	18 x 3	18 x 3	18 x 3	18 x 3
	Outer	-	21 x 1½	22 x 1½	22 x 2	24 x 1½	24 x 2	24 x 2½	24 x 3
20	Inner	-	20 x 1½	20 x 2	20 x 2	20 x 2	20 x 3	20 x 3	20 x 3
	Outer	-	23 x 1½	24 x 1½	24 x 2	24 x 2½	26 x 2	26 x 2½	26 x 3
22	Inner	-	-	22 x 2	22 x 2	22 x 2	22 x 3	22 x 3	22 x 3
	Outer	-	-	26 x 1½	26 x 2	26 x 2½	28 x 2	28 x 2½	28 x 3
24	Inner	-	-	-	24 x 2	24 x 2	24 x 3	24 x 3	24 x 3
	Outer	-	-	-	28 x 2	28 x 2½	30 x 2	30 x 2½	30 x 3
26	Inner	-	-	-	26 x 2	26 x 2	26 x 3	26 x 3	26 x 3
	Outer	-	-	-	30 x 2	30 x 2½	32 x 2	32 x 2½	32 x 3
28	Inner	-	-	-	28 x 2	28 x 2	28 x 3	28 x 3	28 x 3
	Outer	-	-	-	32 x 2	32 x 2½	34 x 2	34 x 2½	34 x 3
30	Inner	-	-	-	30 x 2	30 x 2	30 x 3	30 x 3	30 x 3
	Outer	-	-	-	34 x 2	34 x 2½	36 x 2	36 x 2½	36 x 3
32	Inner	-	-	-	32 x 2	32 x 2	32 x 3	32 x 3	32 x 3
	Outer	-	-	-	36 x 2	36 x 2½	38 x 2	38 x 2½	38 x 3
34	Inner	-	-	-	34 x 2	34 x 2	34 x 3	34 x 3	34 x 3
	Outer	-	-	-	38 x 2	38 x 2½	40 x 2	40 x 2½	40 x 3
36	Inner	-	-	-	36 x 2	36 x 2	36 x 3	36 x 3	36 x 3
	Outer	-	-	-	40 x 2	40 x 2½	42 x 2	42 x 2½	42 x 3
38	Inner	-	-	-	38 x 2	38 x 2½	38 x 2½	38 x 3	38 x 3
	Outer	-	-	-	42 x 2	43 x 2	43 x 2½	44 x 2½	44 x 3



717 17th St.
Denver, CO 80202
800-866-3234
JM.com

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of the MinWool-1200® listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit www.jm.com/terms-conditions or call (800)654-3103.