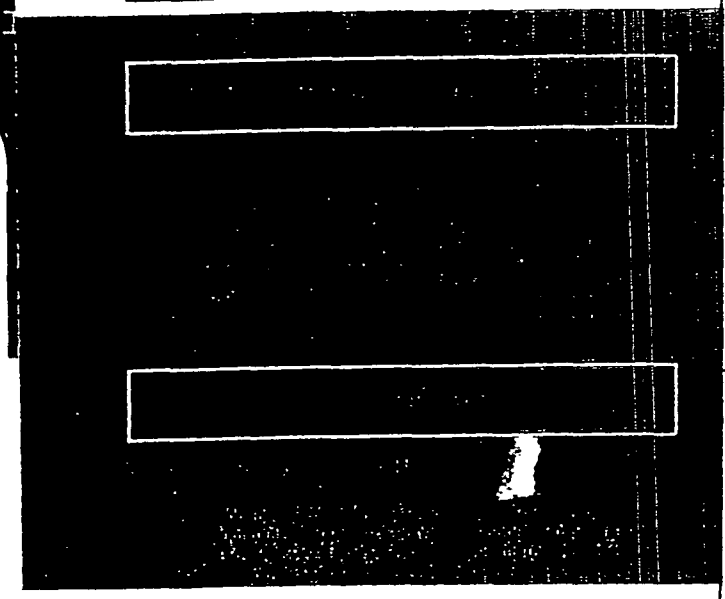
INDUSTRIAL & HIGH TEMPERATURE

THERMOBESTOS
Specification Data

Pipe Insulation



Nominal Pipe Size, inches	Temperature of Pipe, F: 100 to 199	200 to 299	300 to 399	400 to 499	500 to 599	600 to 699*	700 to 799*	800 to 899*	900 to 999*	1000 to 1099
	Nominal Thickness, inches									
Utility—Steam Generation										
1½ & less	1	1	1½	2**	2**	2½	2½	2½	3	3
2	1	1	1½	2**	2**	2½	2½	3	3	3
2½	1	1	1½	2**	2**	2½	2½	3	3	3½
3	1	1	1½	2**	2**	2½	3	3	3	3½
3½	1	1	1½	2**	2½**	2½	3	3	3½	3½
4	1	1	1½	2**	2½**	2½	3	3	3½	3½
4½	1	1	1½	2	2½	2½	3	3	3½	3½
5	1	1½	1½	2	2½	2½	3	3½	3½	4
6	1	1½	2	2	2½	3	3	3½	3½	4
7	1½	1½	2	2	2½	3	3	3½	3½	4
8	1½	1½	2	2	2½	3	3½	3½	4	4
9	1½	1½	2	2½	2½	3	3½	3½	4	4
10	1½	1½	2	2½	2½	3	3½	3½	4	4
11	1½	1½	2	2½	2½	3	3½	3½	4	4½
12	1½	1½	2	2½	3**	3	3½	4	4	4½
14 & up	1½	1½	2	2½	3**	3	3½	4	4	4½
Process										
1½ & less	1	1	1	1	1	1	1½	1½	1½	2
2	1	1	1	1	1	1½	1½	1½	2	2
2½	1	1	1	1	1	1½	1½	1½	2	2
3	1	1	1	1	1	1½	1½	2	2	2
3½	1	1	1	1	1	1½	1½	2	2	2
4	1	1	1	1	1	1½	1½	2	2	2
4½	1	1	1	1	1½	1½	1½	2	2	2½
5	1	1	1	1	1½	1½	1½	2	2	2½
6	1	1	1	1	1½	1½	2	2	2	2½
7	1½	1½	1½	1½	1½	1½	2	2	2	2½
8	1½	1½	1½	1½	1½	1½	2	2	2½	2½
9	1½	1½	1½	1½	1½	1½	2	2	2½	2½
10	1½	1½	1½	1½	1½	1½	2	2	2½	2½
11	1½	1½	1½	1½	1½	1½	2	2	2½	2½
12	1½	1½	1½	1½	1½	1½	2	2	2½	2½
14 & up	1½	1½	1½	1½	1½	2	2	2	2½	2½
Commercial—Full Year Operation										
1½ & less	1	1½	2	2½**	3**	—	—	—	—	—
2	1	1½	2	2½**	3**	—	—	—	—	—
2½	1	2	2½	3**	3**	—	—	—	—	—
3	1	2	2½	3**	3½**	—	—	—	—	—
3½	1	2	2½	3**	3½**	—	—	—	—	—
4	1	2	2½	3**	3½**	—	—	—	—	—
4½	1	2	2½	3**	3½**	—	—	—	—	—
5	1	2	2½	3**	3½**	—	—	—	—	—
6	1	2	3	3½**	4**	—	—	—	—	—
7	1½	2	3	3½**	4**	—	—	—	—	—
8	1½	2	3	3½**	4**	—	—	—	—	—
9	1½	2½	3	3½**	4**	—	—	—	—	—
10	1½	2½	3	3½**	4**	—	—	—	—	—
11	1½	2½	3	3½**	4**	—	—	—	—	—
12	1½	2½	3	3½**	4**	—	—	—	—	—
14 & up	1½	2½	3½	4**	4½	—	—	—	—	—
Commercial—Seasonal Operation										
1½ & less	1	1	1	1½	1½	—	—	—	—	—
2	1	1	1	1½	1½	—	—	—	—	—
2½	1	1	1	1½	2**	—	—	—	—	—
3	1	1	1½	1½	2**	—	—	—	—	—
3½	1	1	1½	1½	2**	—	—	—	—	—
4	1	1	1½	1½	2**	—	—	—	—	—
4½	1	1	1½	1½	2	—	—	—	—	—
5	1	1	1½	1½	2	—	—	—	—	—
6	1	1	1½	2	2	—	—	—	—	—
7	1½	1½	1½	2	2	—	—	—	—	—
8	1½	1½	1½	2	2	—	—	—	—	—
9	1½	1½	1½	2	2	—	—	—	—	—
10	1½	1½	1½	2	2½	—	—	—	—	—
11	1½	1½	1½	2	2½	—	—	—	—	—
12	1½	1½	1½	2	2½	—	—	—	—	—
14 & up	1½	1½	1½	2	2½	—	—	—	—	—

Block Insulation

RECOMMENDED THICKNESSES†

	Temperature of Surface, F: 100 to 199	200 to 299	300 to 399	400 to 499	500 to 599	600 to 699	700 to 799	800 to 899	900 to 999	1000 to 1099	1100 to 1200
	Nominal Thickness, inches										
Utility—Steam Generation	1½	1½	2	2½	3	3	3½	4	4	4½	4½
Process	1½	1½	1½	1½	1½	2	2	2	2½	2½	3
Commercial—Full Year Operation	1½	2½	3½	4	4½	—	—	—	—	—	—
Commercial—Season Operation	1	1	1½	2	2½	—	—	—	—	—	—

Note: For special sizes and curved blocks consult your nearest J-M office.

†Tabulated thicknesses are optimum thicknesses calculated on an economic basis for heat conservation under average operating conditions and assure adequate temperature control. Unusual conditions may warrant the use of other thicknesses.

STANDARD SIZES

Length, inches	Width, Inches	Thickness, Inches
36	6, 9, 12 and 18	1, 1½, 2, 2½, 3, 3½ and 4

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