

## IRON PIPE

### Nominal Insulation Thickness

Pipe NPS	1/2	1	1 1/2	2	2 1/2	3	3 1/2	4
3/8	2.0	3.0	3.5					
1/2	2.0	3.0	4.0	5.0	6.5	7.5	8.5	9.5
3/4	2.0	3.0	4.0	5.0	6.5	7.5	8.5	9.5
1	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
1 1/4	3.0	3.5	5.0	5.5	6.5	7.5	8.5	9.5
1 1/2	3.0	4.0	5.0	6.5	7.5	8.5	9.5	10.5
2	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5
2 1/2	4.0	5.0	6.5	7.5	8.5	9.5	10.5	11.5
3	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5
3 1/2	5.0	6.5	7.5	8.5	9.5	10.5	11.5	12.5
4	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5
4 1/2	6.0	7.5	8.5	9.5	10.5	11.5	12.5	14.0
5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	14.0
6	7.5	8.5	9.5	10.5	11.5	12.5	14.0	15.0
7	8.5	9.5	10.5	11.5	12.5	14.0	15.0	16.0
8	9.5	10.5	11.5	12.5	14.0	15.0	16.0	17.0
9	10.5	11.5	12.5	14.0	15.0	16.0	17.0	18.0
10	11.5	12.5	14.0	15.0	16.0	17.0	18.0	19.0
11	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0
12	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0
14	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0
15	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0
16	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0
17	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0
18	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
19	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0
20	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0

## COPPER TUBING

### Nominal Insulation Thickness

Tubing NPS	1/2	1	1 1/2	2	2 1/2	3	3 1/2	4
1/2	2.0	2.5	3.5	4.5	5.5	6.5		
5/8	2.0	3.0	3.5	4.5	5.5	6.5	7.5	8.5
7/8	2.0	3.0	4.0	5.0	6.5	7.5	8.5	9.5
1 1/8	2.0	3.0	4.0	5.0	6.5	7.5	8.5	9.5
1 3/8	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
1 5/8	2.5	3.5	5.0	5.5	6.5	7.5	8.5	9.5
2 1/8	3.0	4.0	5.0	6.5	7.5	8.5	9.5	10.5
2 5/8	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5
3 1/8	4.0	5.0	6.5	7.5	8.5	9.5	10.5	11.5
3 5/8	5.0	5.5	6.5	7.5	8.5	9.5	10.5	11.5
4 1/8	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5
5 1/8	6.5	7.5	8.5	9.5	10.5	11.5	12.5	14.0
6 1/8	7.5	8.5	9.5	10.5	11.5	12.5	14.0	15.0