



October 31, 2018

Subject: R-Value Chart for Earthwool 1000°F Pipe Insulation at 75°F mean temp (0.23 "k").

Nominal S Pipe OD (in.)	Insulation, Nominal Thickness (in.)											
	½	1	1½	2	2½	3	3½	4	4½	5	6	
½	0.840	3.4	7.6	13.6	19.5	—	—	—	—	—	—	—
¾	1.050	3.5	6.2	11.6	17.1	—	—	—	—	—	—	—
1	1.315	3.1	7.4	12.1	17.5	23.8	29.4	—	—	—	—	—
1¼	1.660	3.0	5.6	12.0	14.7	20.4	—	—	—	—	—	—
1½	1.900	2.6	6.4	10.5	18.1	23.3	28.7	34.4	41.1	—	—	—
2	2.375	2.8	6.2	10.3	14.9	19.5	24.4	29.6	35.8	41.7	47.3	54.9
2½	2.875	2.7	6.0	12.1	16.3	20.8	25.6	31.2	36.5	36.8	49.0	60.7
3	3.500	2.5	5.6	9.2	13.0	17.1	21.4	26.6	31.4	36.4	42.9	53.8
3½	4.000	2.5	7.2	10.7	14.5	18.6	23.4	27.9	32.6	32.6	38.7	49.0
4	4.500	2.6	5.5	8.7	12.3	16.0	20.6	24.8	29.3	35.1	39.9	50.0
4½	5.000	2.6	7.0	10.3	13.8	18.1	22.1	26.3	26.3	31.8	36.4	46.0
5	5.563	2.6	5.2	8.2	11.5	15.6	19.3	23.3	28.5	32.8	37.3	46.7
6	6.625	2.4	4.9	7.8	11.4	14.8	18.4	23.1	27.0	31.1	35.4	44.3
7	7.625	2.4	4.8	8.1	11.1	14.4	18.7	22.4	26.2	30.1	34.2	42.6
8	8.625	2.4	5.1	7.9	10.9	14.9	18.3	21.8	25.4	29.2	33.1	41.3
9	9.625	2.5	5.1	7.8	11.5	14.6	17.9	21.3	24.9	28.5	32.3	40.2
10	10.750	2.3	4.7	8.1	11.0	14.0	17.2	20.5	23.9	27.4	31.1	38.7
11	11.750	—	5.3	8.0	10.8	13.8	16.9	20.1	23.5	26.9	30.5	37.9
12	12.750	—	5.3	7.9	10.7	13.6	16.7	19.8	23.1	26.5	30.0	37.2
14	14.000	—	4.6	7.2	9.9	12.7	15.7	18.8	21.9	25.2	28.6	35.6
15	15.000	—	4.6	7.2	9.8	12.6	15.6	18.6	21.7	24.9	28.2	35.1
16	16.000	—	4.6	7.1	9.8	12.5	15.4	18.4	21.5	24.6	27.9	34.6
17	17.000	—	4.6	7.1	9.7	12.5	15.3	18.2	21.3	24.4	27.6	34.2
18	18.000	—	4.6	7.1	9.7	12.4	15.2	18.1	21.1	24.2	27.3	33.9
19	19.000	—	4.5	7.0	9.6	12.3	15.1	18.0	20.9	24.0	27.1	33.6
20	20.000	—	4.5	7.0	9.6	12.3	15.0	17.9	20.8	23.8	26.9	33.3
21	21.000	—	4.5	7.0	9.6	12.2	14.9	17.8	20.7	23.6	26.7	33.0
22	22.000	—	4.5	7.0	9.5	12.2	14.9	17.7	20.5	23.5	26.5	32.7
23	23.000	—	4.5	7.0	9.5	12.1	14.8	17.6	20.4	23.3	26.3	32.5
24	24.000	—	4.5	6.9	9.5	12.1	14.7	17.5	20.3	23.2	26.2	32.3

KNAUF INSULATION

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