

SkamoPipe 650

Calcium Silicate Insulating Pipe Covers



Grade	SkamoPipe 650	
Maximum service temperature		
	°C	650
	°F	1202
Bulk density, dry		
	kg/m ³	225
	lbs/cu.ft.	14.0
Compressive strength (EN 1094-5: 1995)		
@ room temperature	MPa	0.76
	lbs/sq.in.	110
Bending strength		
	MPa	0.4
	lbs/sq.in.	58
Linear shrinkage (EN 1094-6: 1999)		
3 h at 1000°C (1832°F)	%	1.0
Thermal conductivity (ASTM C-182)		
mean temp. @ 200°C	W/(m×K)	0.070
@ 400°C		0.108
@ 600°C		0.142
@ 392°F	BTU/(sq.ft×h×°F/in)	0.49
@ 752°F		0.75
@ 1112°F		0.98
Chemical analysis, typical		
	%	
Silica	SiO ₂	41
Alumina	Al ₂ O ₃	0.5
Ferric oxide	Fe ₂ O ₃	0.1
Calcium oxide	CaO	40
Sodium oxide	Na ₂ O	0.1
Colour		Grey

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Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted

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SKAMOPIPE 650 - Dimension chart

Length of pipe cover : 600 mm

A = Quantity of covers

B = Sets/box



Pipe diameter		Thickness of insulation (mm)																					
		25		30		40		50		60		65		70		75		80		90		100	
inch	mm	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
0.25	16	2	81	2	64	2	36	2	26	2	16	2	81	2	64	2	36	2	26	2	16	2	81
0.50	23	2	72	2	56	2	36	2	23	2	16	2	14			2	12	2	10	2	9		
0.75	28	2	64	2	49	2	32	2	23	2	15	2	14	2	13	2	11	2	9	2	8	2	6
1.00	35	2	54	2	42	2	28	2	20	2	14	2	14	2	12	2	10	2	9	2	7	2	6
1.25	44	2	46	2	38	2	25	2	16	2	14	2	11	2	11	2	9					2	6
1.50	50	2	42	2	33	2	22	2	16	2	14	2	11	2	10	2	9	2	8	2	7		
2.00	62	2	34	2	28	2	20	2	14	2	10	2	10	2	9	2	8	2	7	2	5	2	5
2.50	77	2	30	2	24	2	18	2	12	2	9	2	9	2	8	2	7	2	6	2	5		
3.00	90	2	24	2	18	2	14	2	10	2	8	2	7	2	7	2	6	2	5	2	4	2	4
3.75	112					2	11																
3.50	103	2	18	2	17	2	12	2	9	2	8	2	7	2	6	2	6						
4.00	115	2	17	2	14	2	11	2	8	2	7	2	6	2	6	2	5	2	5	2	4	3	5
4.25	128	2	14					2	8			2	6			2	4						
4.50	132					2	9																
5.00	143	2	12	2	12	2	9	2	8	2	6	2	5	2	5	2	4	2	4	3	5		
5.50	155	2	11	2	10	2	8	2	7	2	8	3	8	2	5	3	6	3	6				
6.00	166					2	7																
6.00	171	2	9	2	9	2	7	2	8	3	8	3	8	3	7	3	6	3	5	3	5		
7.00	180					2	7																
7.00	196	3	18	2	7	3	10	3	9	3	7	3	6	3	6	3	5			4	5		
8.00	222	2	7	3	12	3	10	3	8	3	7	3	6	4	7	4	6	4	5	4	5	4	5
9.00	246	3	14	3	11	3	8	3	7	3	7	3	5			4	6			4	5		
9.50	257					3	8									5	6						
10.00	275	4	19	3	10	3	8	4	9	4	8	4	7	4	6	4	6	5	6	5	5	5	5
11.00	300	4	18			4	10	4	8			4	6	5	7	5	6			5	5		
11.00	307					4	10																
12.00	327	4	18	4	13	4	10	4	8	5	7	5	7	5	7	5	6	5	6	5	5		
13.00	339			4	13	5	10	5	9			5	7			5	6						
14.00	358	4	16	4	13	4	10	5	9	5	8	5	7			5	6			6	6	6	5
14.50	370									5	8												
15.00	384	4	15			5	12	5	9			5	7			6	6			6	6		
16.00	409	5	19	5	14	5	11	5	9	5	8	6	7			6	6	6	6	6	6	6	5
16.50	420					5	11	5	9														
17.00	435			5	14	6	11	6	10	6	8	6	7			6	6	6	6	7	6	7	5
18.00	460	6	20	6	14	6	12	6	9	6	8	6	7	6	6	6	6			7	5	7	5
19.00	488							6	9	6	8	7	7			7	6			7	5	7	5
19.25	492											7	7										
19.50	496					6	11	6	9														
20.00	511	6	18	6	15	6	11	6	9	7	8	7	7	7	7	7	6	7	6			7	5
21.50	546					7	11	7	10														
22.00	562			7	15	7	11	7	10	7	8	7	7			8	7	8	6	8	5	8	5
23.00	588					7	10	7	10	7	8	7	7			8	7						
23.50	597					7	11	8	10														
24.00	613	7	19	7	15	7	12	8	10	8	8	8	8	8	7	8	7	8	6			9	5
24.50	626													8	7								
25.00	639					8	12									8	7						
25.50	648							8	10														
26.00	664	8	19	8	15	8	12	8	10			8	8			9	7	9	6				
27.00	689			8	15			8	10			9	8	9	8								
27.50	699					8	12																
28.00	715	8	19	8	15	8	12	9	10			9	8			9	7						
29.50	750							9	10														
30.00	766	9	20			9	12	9	10	9	8	9	8	9	7	9	7			10	6	10	5
31.50	801					10	12																
32.00	817	9	12					10	10			10	8			10	7					11	5
33.50	852					10	12																
34.00	868					11	12	10	10							11	7			11	6	11	5
36.00	919	11	20			11	12	11	10	11	8	11	8	11	7	11	7						
37.50	948					11	13																
38.00	970					11	13																
40.00	1022	12	29			12	13	12	10			12	7	12	7	12	7	12	6				
42.00	1073	12	20			12	13	12	10			12	7			14	7						
44.00	1124			13	17	13	13	13	10							13	7			13	6		
46.00	1174					13	13	14	10									12	6				
48.00	1230											14	8			15	7						
52.00	1320							15	10														
54.00	1382											16	8										
64.00	1626							19	10														
68.00	1730							19	10														
72.00	1838	20	20																				
610x300			22		18		14		11		9		8		8		7		7		6		5
610x150			44		36		28		22		18		16		16		14		14		12		10