



Sproule WR-1200® PERLITE PIPE AND BLOCK INSULATION

Sectional Pipe Insulation Single Layer

IIG-P-5
Effective: 06.22.2009
Replaces: 05.22.2009

I.D. Pipe Size (in.) (mm)	1" (25 mm) Thick				1½" (38 mm) Thick				2" (51 mm) Thick				2½" (64 mm) Thick			
	Ln. Ft./Carton	Load Factor	Cube/Carton	Pounds/Carton	Ln. Ft./Carton	Load Factor	Cube/Carton	Pounds/Carton	Ln. Ft./Carton	Load Factor	Cube/Carton	Pounds/Carton	Ln. Ft./Carton	Load Factor	Cube/Carton	Pounds/Carton
½ 15	75	0.150	5.600	55	27	0.130	4.300	48	36	0.200	6.900	66	18	0.200	6.900	58
¾ 20	75	0.150	5.600	55	27	0.130	4.300	40	36	0.200	6.900	65	18	0.200	6.900	58
1 25	72	0.190	6.700	62	36	0.150	6.900	57	27	0.190	6.700	59	18	0.200	6.900	57
1¼ 32	48	0.150	5.600	41	36	0.200	6.900	60	27	0.200	6.900	57	18	0.200	6.900	56
1½ 40	48	0.190	6.700	45	36	0.200	6.900	57	18	0.190	6.700	58	15	0.200	6.900	61
2 50	48	0.220	8.200	55	27	0.190	6.700	51	18	0.190	6.700	51	15	0.190	6.700	59
2½ 65	36	0.200	6.900	45	18	0.200	6.900	48	18	0.220	8.200	67	12	0.190	6.700	59
3 80	27	0.190	6.700	40	18	0.200	6.900	42	18	0.200	6.900	62	12	0.190	6.700	56
3½ 90	27	0.280	9.100	60	18	0.220	8.200	56	12	0.190	6.700	52	9	0.200	6.900	52
4 100	24	0.220	8.200	46	18	0.220	8.200	51	12	0.190	6.700	48	12	0.220	8.200	69
4½ 115	12	0.150	5.600	30	12	0.190	6.700	44	12	0.220	8.200	61	9	0.220	8.200	61
5 125	12	0.150	5.600	27	12	0.190	6.700	39	12	0.220	8.200	55	9	0.220	8.200	59
6 150	12	0.190	6.700	30	12	0.220	8.200	43	9	0.200	6.900	48	9	0.220	8.200	63
7 175	—	—	—	—	12	0.310	10.900	51	9	0.220	8.200	53	6	0.200	6.900	47
8 200	—	—	—	—	9	0.220	8.200	42	6	0.200	6.900	39	6	0.220	8.200	54
9 225	—	—	—	—	9	0.290	11.300	46	6	0.220	8.200	46	6	0.280	9.100	59
10 250	—	—	—	—	9	0.290	11.300	53	6	0.290	11.300	49	6	0.290	11.300	63
11 275	—	—	—	—	6	0.220	8.200	38	6	0.290	11.300	52	3	0.200	6.900	34
12 300	—	—	—	—	6	0.290	11.300	41	3	0.190	6.700	28	3	0.220	8.200	36
14 350	—	—	—	—	3	0.190	6.700	20	3	0.220	8.200	28	3	0.220	8.200	37
15 375	—	—	—	—	3	0.200	6.900	22	3	0.200	6.900	30	3	0.280	9.100	39
16 400	—	—	—	—	—	—	—	—	3	0.280	9.100	32	3	0.310	10.900	41
17 425	—	—	—	—	—	—	—	—	3	0.310	10.900	33	3	0.290	11.300	43
18 450	—	—	—	—	—	—	—	—	3	0.310	10.900	35	3	0.310	11.300	45
19 475	—	—	—	—	—	—	—	—	3	0.290	11.300	37	3	0.290	11.300	48
20 500	—	—	—	—	—	—	—	—	3	0.200	6.900	40	3	0.220	8.200	49
21 525	—	—	—	—	—	—	—	—	3	0.290	11.300	41	3	0.290	11.300	56
22 550	—	—	—	—	—	—	—	—	3	0.220	8.200	42	3	0.290	11.300	58
23 575	—	—	—	—	—	—	—	—	3	0.220	8.200	45	3	0.290	11.300	57
24 600	—	—	—	—	—	—	—	—	3	0.290	8.200	45	3	0.290	11.300	72

Sizes in **reverse type** are manufactured in 3-piece sections.
All other sizes are manufactured in 2-piece sections.

Sectional Pipe Insulation Single Layer (cont'd)

I.D. Pipe Size (in.) (mm)	3" (76 mm) Thick				3½" (89 mm) Thick				4" (102 mm) Thick			
	Ln. Ft./ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	Ln. Ft./ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	Ln. Ft./ Carton	Load Factor	Cube/ Carton	Pounds/ Carton
½ 15	12	0.150	5.600	52	12	0.190	6.700	75	9	0.190	6.7	63
¾ 20	12	0.150	5.600	51	12	0.190	6.700	75	9	0.190	6.7	65
1 25	15	0.200	6.900	63	12	0.190	6.700	76	9	0.190	6.7	65
1¼ 32	12	0.150	5.600	50	12	0.190	6.700	76	6	0.150	5.6	53
1½ 40	12	0.190	6.700	64	9	0.200	6.900	57	6	0.150	5.6	55
2 50	12	0.190	6.700	62	12	0.220	8.200	77	6	0.150	5.6	57
2½ 65	9	0.200	6.900	57	9	0.220	8.200	58	6	0.190	6.7	58
3 80	9	0.200	6.900	54	9	0.200	6.900	59	6	0.190	6.9	60
3¾ 90	6	0.150	7.400	45	6	0.150	5.600	59	6	0.190	6.7	64
4 100	9	0.200	6.900	64	6	0.190	5.600	52	6	0.190	6.7	65
4½ 115	6	0.200	6.900	51	9	0.310	10.900	84	6	0.220	8.2	71
5 125	6	0.190	6.700	48	9	0.310	10.900	85	6	0.220	8.2	73
6 150	6	0.190	6.700	53	6	0.220	8.200	60	6	0.280	9.1	74
7 175	6	0.220	8.200	62	6	0.290	11.300	60	3	0.150	5.6	57
8 200	6	0.280	9.100	68	3	0.150	5.600	38	3	0.190	6.7	58
9 225	3	0.200	6.900	37	3	0.190	6.700	51	3	0.220	8.2	60
10 250	3	0.190	6.700	39	3	0.190	6.700	52	3	0.220	8.2	65
11 275	3	0.220	6.900	41	3	0.200	6.900	54	3	0.220	8.2	65
12 300	3	0.220	8.200	44	3	0.220	8.200	57	3	0.310	10.9	70
14 350	3	0.280	9.100	45	3	0.310	10.900	58	3	0.310	10.9	70
15 375	3	0.310	10.900	48	3	0.290	11.300	70	3	0.310	10.9	78
16 400	3	0.290	11.300	51	3	0.310	10.900	88	3	0.220	8.2	96
17 425	3	0.290	11.300	53	3	0.290	11.300	92	3	0.290	11.3	108
18 450	3	0.290	11.300	56	3	0.290	11.300	92	3	0.290	11.3	112
19 475	3	0.290	11.300	59	3	0.290	11.300	95	3	0.290	11.3	112
20 500	3	0.290	11.300	62	3	0.290	11.300	91	3	0.290	11.3	112
21 525	3	0.290	11.300	84	3	0.290	11.300	93	3	0.290	11.3	115
22 550	3	0.290	11.300	84	3	0.290	11.300	95	3	0.420	14.8	119
23 575	3	0.290	11.300	84	3	0.290	11.300	95	—	—	—	—
24 600	3	0.290	11.300	84	—	—	—	—	—	—	—	—

Sizes in **reverse type** are manufactured in 3-piece sections.
All other sizes are manufactured in 2-piece sections.

Quad Pipe Insulation*

I.D. Pipe Size (in.) (mm)	2" (51 mm) Thick				3" (76 mm) Thick				4" (102 mm) Thick			
	Ln. Ft./ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	Ln. Ft./ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	Ln. Ft./ Carton	Load Factor	Cube/ Carton	Pounds/ Carton
24 600	—	—	—	—	—	—	—	—	1.5	0.220	8.200	58
26 650	3	0.290	11.300	63	1.5	0.190	6.900	45	1.5	0.220	8.200	68
28 700	3	0.220	8.200	63	1.5	0.190	6.900	43	1.5	0.200	7.400	72
30 750	1.5	0.220	8.200	38	1.5	0.200	7.400	50	1.5	0.290	11.300	75
32 800	1.5	0.220	8.200	37	1.5	0.200	7.400	54	1.5	0.290	11.300	79
34 850	3	0.290	11.300	80	1.5	0.290	11.300	59	1.5	0.290	11.300	84
36 900	3	0.290	11.300	85	1.5	0.290	11.300	59	1.5	0.290	11.300	89
38 950	3	0.290	11.300	89	1.5	0.290	11.300	62	—	—	—	—
40 1000	3	0.290	11.300	90	—	—	—	—	—	—	—	—

*All quad pieces are 36" (0.91 m) long.

Perlite Block Insulation

Block Width and Style	1" (25 mm) Thick				1½" (38 mm) Thick				2" (51 mm) Thick				2½" (64 mm) Thick			
	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton
Flat	—	—	—	—	36	0.150	5.100	65	27	0.150	5.100	65	21	0.150	5.100	65
6" (152 mm)	—	—	—	—	36	0.150	5.100	65	27	0.150	5.100	65	21	0.150	5.100	65
12" (305 mm)	54	0.150	5.100	65	36	0.150	5.100	65	27	0.150	5.100	65	21	0.150	5.100	65
Scored or V-Grooved	—	—	—	—	36*	0.150*	5.100*	65*	27	0.150	5.100	65	21	0.150	5.100	65
12" (305 mm)	—	—	—	—	36*	0.150*	5.100*	65*	27	0.150	5.100	65	21	0.150	5.100	65

*1-1/2" thick block is scored only.

Block Width and Style	3" (76 mm) Thick				3½" (89 mm) Thick				4" (102 mm) Thick				4½" (114 mm) Thick			
	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton
Flat	18	0.150	5.100	65	15	0.150	5.100	65	12	0.150	5.100	65	12	0.150	5.100	65
6" (152 mm)	18	0.150	5.100	65	15	0.150	5.100	65	12	0.150	5.100	65	12	0.150	5.100	65
12" (305 mm)	18	0.150	5.100	65	15	0.150	5.100	65	12	0.150	5.100	65	12	0.150	5.100	65
Scored or V-Grooved	18	0.150	5.100	65	15	0.150	5.100	65	12	0.150	5.100	65	12	0.150	5.100	65
12" (305 mm)	18	0.150	5.100	65	15	0.150	5.100	65	12	0.150	5.100	65	12	0.150	5.100	65

Block Width and Style	5" (127 mm) Thick			
	SF/ Carton	Load Factor	Cube/ Carton	Pounds/ Carton
Flat	9	0.150	5.100	65
6" (152 mm)	9	0.150	5.100	65
12" (305 mm)	9	0.150	5.100	65
Scored or V-Grooved	9	0.150	5.100	65
12" (305 mm)	9	0.150	5.100	65

Sproule WR-1200®

Perlite Pipe and Block Insulation

IIG-P-5
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Industrial Insulation Group, LLC is a Calsilite/Johns Manville joint venture. IIG manufactures MinWool-1200® mineral fiber pipe, block and a variety of other insulations; Thermo-12® Gold Calcium Silicate pipe and block insulation; Super Firetemp® fireproofing board; SprouleWR-1200® Perlite pipe and block insulation; high temperature adhesives, and insulating finishing cement.

The physical and chemical properties presented 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. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Customer Service Office to assure current information. All Industrial Insulation Group products are sold subject to the IIG Limited Warranty and Limitation of Remedy. For a copy of the IIG Limited Warranty and Limitation of Remedy, email - info@iig-llc.com.



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