

Mountain Fiber Insulation Inc.

R9171

1.80 PCF settled density and net bag weigh 30.0 lbs. Blown density of 1.20 used for blown depth.
 The number of cubic feet per bag at settled density is 16.7. The cubic feet per bag at blown density is 15.0.

R VALUE	MIN DEPTH	BLOWN DEPTH APROX.	MIN WT /SQ FT	MAX SQ FT / BAG	BAGS /MSF	BAGS /MSF 2X6 / 16	BAGS /MSF 2X6 / 24	BAGS /MSF 2X4 / 16	BAGS /MSF 2X4 / 24
10	2.7	3.3	0.40	75.00	13.33	12.08	12.50	12.08	12.50
11	2.9	3.6	0.44	68.18	14.67	13.29	13.75	13.29	13.75
12	3.2	3.9	0.48	62.50	16.00	14.50	15.00	14.50	15.00
13	3.5	4.3	0.52	57.69	17.33	15.71	16.25	15.71	16.25
14	3.7	4.6	0.56	53.57	18.67	16.92	17.50	17.03	17.57
15	4.0	4.9	0.60	50.00	20.00	18.13	18.75	18.36	18.91
16	4.3	5.2	0.64	46.87	21.33	19.33	20.00	19.69	20.24
17	4.5	5.6	0.68	44.12	22.67	20.54	21.25	21.03	21.57
18	4.8	5.9	0.72	41.67	24.00	21.75	22.50	22.36	22.91
19	5.1	6.2	0.76	39.47	25.33	22.96	23.75	23.69	24.24
20	5.3	6.5	0.80	37.50	26.67	24.17	25.00	25.03	25.57
21	5.6	6.9	0.84	35.71	28.00	25.42	26.28	26.36	26.91
22	5.9	7.2	0.88	34.09	29.33	26.76	27.61	27.69	28.24
23	6.1	7.5	0.92	32.61	30.67	28.09	28.95	29.03	29.57
24	6.4	7.9	0.96	31.25	32.00	29.42	30.28	30.36	30.91
25	6.7	8.2	1.00	30.00	33.33	30.76	31.61	31.69	32.24
26	6.9	8.5	1.04	28.85	34.67	32.09	32.95	33.03	33.57
27	7.2	8.8	1.08	27.78	36.00	33.42	34.28	34.36	34.91
28	7.5	9.2	1.12	26.79	37.33	34.76	35.61	35.69	36.24
29	7.7	9.5	1.16	25.86	38.67	36.09	36.95	37.03	37.57
30	8.0	9.8	1.20	25.00	40.00	37.42	38.28	38.36	38.91
31	8.3	10.1	1.24	24.19	41.33	38.76	39.61	39.69	40.24
32	8.5	10.5	1.28	23.44	42.67	40.09	40.95	41.03	41.57
33	8.8	10.8	1.32	22.73	44.00	41.42	42.28	42.36	42.91
34	9.1	11.1	1.36	22.06	45.33	42.76	43.61	43.69	44.24
35	9.3	11.4	1.40	21.43	46.67	44.09	44.95	45.03	45.57
36	9.6	11.8	1.44	20.83	48.00	45.42	46.28	46.36	46.91
37	9.9	12.1	1.48	20.27	49.33	46.76	47.61	47.69	48.24
38	10.1	12.4	1.52	19.74	50.67	48.09	48.95	49.03	49.57
39	10.4	12.8	1.56	19.23	52.00	49.42	50.28	50.36	50.91
40	10.7	13.1	1.60	18.75	53.33	50.76	51.61	51.69	52.24
41	10.9	13.4	1.64	18.29	54.67	52.09	52.95	53.03	53.57
42	11.2	13.7	1.68	17.86	56.00	53.42	54.28	54.36	54.91
43	11.5	14.1	1.72	17.44	57.33	54.76	55.61	55.69	56.24
44	11.7	14.4	1.76	17.05	58.67	56.09	56.95	57.03	57.57
45	12.0	14.7	1.80	16.67	60.00	57.42	58.28	58.36	58.91
46	12.3	15.0	1.84	16.30	61.33	58.76	59.61	59.69	60.24
47	12.5	15.4	1.88	15.96	62.67	60.09	60.95	61.03	61.57
48	12.8	15.7	1.92	15.62	64.00	61.42	62.28	62.36	62.91
49	13.1	16.0	1.96	15.31	65.33	62.76	63.61	63.69	64.24
50	13.3	16.4	2.00	15.00	66.67	64.09	64.95	65.03	65.57
51	13.6	16.7	2.04	14.71	68.00	65.42	66.28	66.36	66.91
52	13.9	17.0	2.08	14.42	69.33	66.76	67.61	67.69	68.24
53	14.1	17.3	2.12	14.15	70.67	68.09	68.95	69.03	69.57
54	14.4	17.7	2.16	13.89	72.00	69.42	70.28	70.36	70.91
55	14.7	18.0	2.20	13.64	73.33	70.76	71.61	71.69	72.24

Mountain Fiber Insulation Inc.

High Density Blowing Chart

R9171

3 # Density

Bag Weight 30 lbs.

Depth	SQ FT/ Bag	Depth	Coverage SQ FT per Bag	
			2 X on 16	2 X on 24
2.0	60.0	7.5	61.0	60.7
2.5	48.0	9.4	49.0	48.7
3.0	40.0	11.3	41.0	40.7
3.5	34.3	13.1	35.3	35.0
4.0	30.0	15.0	31.0	30.7
4.5	26.7	16.9	27.7	27.3
5.0	24.0	18.8	25.0	24.7
5.5	21.8	20.6	22.9	22.5
6.0	20.0	22.5	21.0	20.7
6.5	18.5	24.4	19.5	19.1
7.0	17.1	26.3	18.2	17.8
7.5	16.0	28.1	17.0	16.7
8.0	15.0	30.0	16.0	15.7
8.5	14.1	31.9	15.2	14.8
9.0	13.3	33.8	14.4	14.0
9.5	12.6	35.6	13.7	13.3
10.0	12.0	37.5	13.0	12.7
10.5	11.4	39.4	12.5	12.1
11.0	10.9	41.3	11.9	11.6
11.5	10.4	43.1	11.5	11.1
12.0	10.0	45.0	11.0	10.7
12.5	9.6	46.9	10.6	10.3
13.0	9.2	48.8	10.3	9.9
13.5	8.9	50.6	9.9	9.6
14.0	8.6	52.5	9.6	9.2
14.5	8.3	54.4	9.3	8.9
15.0	8.0	56.3	9.0	8.7
15.5	7.7	58.1	8.8	8.4
16.0	7.5	60.0	8.5	8.2

These are calculated values, the actual numbers will vary. This data works for any high density blowing. Like wet spray, drill & fill, ect.

Mountain Fiber Insulation Inc.

High Density Blowing Chart

R9171

3.5 # Density

Bag Weight 30 lbs.

Depth	SQ FT/ Bag	R Value	Coverage SQ FT per Bag	
			2 X on 16	2 X on 24
2.0	51.4	7.5	52.3	52.0
2.5	41.1	9.4	42.0	41.7
3.0	34.3	11.3	35.2	34.9
3.5	29.4	13.1	30.3	30.0
4.0	25.7	15.0	26.6	26.3
4.5	22.9	16.9	23.7	23.4
5.0	20.6	18.8	21.5	21.1
5.5	18.7	20.6	19.6	19.3
6.0	17.1	22.5	18.0	17.7
6.5	15.8	24.4	16.7	16.4
7.0	14.7	26.3	15.6	15.3
7.5	13.7	28.1	14.6	14.3
8.0	12.9	30.0	13.7	13.4
8.5	12.1	31.9	13.0	12.7
9.0	11.4	33.8	12.3	12.0
9.5	10.8	35.6	11.7	11.4
10.0	10.3	37.5	11.2	10.9
10.5	9.8	39.4	10.7	10.4
11.0	9.4	41.3	10.2	9.9
11.5	8.9	43.1	9.8	9.5
12.0	8.6	45.0	9.5	9.1
12.5	8.2	46.9	9.1	8.8
13.0	7.9	48.8	8.8	8.5
13.5	7.6	50.6	8.5	8.2
14.0	7.3	52.5	8.2	7.9
14.5	7.1	54.4	8.0	7.7
15.0	6.9	56.3	7.7	7.4
15.5	6.6	58.1	7.5	7.2
16.0	6.4	60.0	7.3	7.0

These are calculated values, the actual numbers will vary. This data works for any high density blowing. Like wet spray, drill & fill, ect.