

Mountain Fiber Insulation Inc.

R9171

1.60 PCF settled density and net bag weigh 25.0 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	SETTLED DEPTH	BLOWN DEPTH APROX.	MIN WT /SQFT	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	3.1	.36	69.9	14.3	12.96	13.41	12.96	13.41
11	2.9	3.4	.39	63.5	15.7	14.29	14.77	14.29	14.77
12	3.2	3.7	.43	58.2	17.2	15.57	16.10	15.57	16.10
13	3.5	4.0	.46	53.7	18.6	16.85	17.43	16.85	17.43
14	3.7	4.3	.50	49.9	20.0	18.18	18.80	18.28	18.87
15	4.0	4.6	.53	46.6	21.5	19.46	20.13	19.71	20.30
16	4.3	4.9	.57	43.7	22.9	20.74	21.46	21.14	21.73
17	4.5	5.2	.60	41.1	24.3	22.07	22.82	22.57	23.16
18	4.8	5.5	.64	38.8	25.8	23.35	24.15	24.00	24.59
19	5.1	5.8	.68	36.8	27.2	24.63	25.49	25.44	26.02
20	5.3	6.1	.71	34.9	28.6	25.96	26.85	26.87	27.45
21	5.6	6.4	.75	33.3	30.1	27.29	28.21	28.30	28.88
22	5.9	6.7	.78	31.8	31.5	28.72	29.65	29.73	30.32
23	6.1	7.1	.82	30.4	32.9	30.15	31.08	31.16	31.75
24	6.4	7.4	.85	29.1	34.4	31.59	32.51	32.59	33.18
25	6.7	7.7	.89	27.9	35.8	33.02	33.94	34.02	34.61
26	6.9	8.0	.92	26.9	37.2	34.45	35.37	35.45	36.04
27	7.2	8.3	.96	25.9	38.6	35.88	36.80	36.89	37.47
28	7.5	8.6	1.00	25.0	40.1	37.31	38.23	38.32	38.90
29	7.7	8.9	1.03	24.1	41.5	38.74	39.66	39.75	40.34
30	8.0	9.2	1.07	23.3	42.9	40.17	41.10	41.18	41.77
31	8.3	9.5	1.10	22.5	44.4	41.61	42.53	42.61	43.20
32	8.5	9.8	1.14	21.8	45.8	43.04	43.96	44.04	44.63
33	8.8	10.1	1.17	21.2	47.2	44.47	45.39	45.47	46.06
34	9.1	10.4	1.21	20.5	48.7	45.90	46.82	46.91	47.49
35	9.3	10.7	1.24	20.0	50.1	47.33	48.25	48.34	48.92
36	9.6	11.0	1.28	19.4	51.5	48.76	49.68	49.77	50.36
37	9.9	11.3	1.32	18.9	53.0	50.19	51.12	51.20	51.79
38	10.1	11.7	1.35	18.4	54.4	51.62	52.55	52.63	53.22
39	10.4	12.0	1.39	17.9	55.8	53.06	53.98	54.06	54.65
40	10.7	12.3	1.42	17.5	57.3	54.49	55.41	55.49	56.08
41	10.9	12.6	1.46	17.0	58.7	55.92	56.84	56.93	57.51
42	11.2	12.9	1.49	16.6	60.1	57.35	58.27	58.36	58.94
43	11.5	13.2	1.53	16.2	61.5	58.78	59.70	59.79	60.38
44	11.7	13.5	1.56	15.9	63.0	60.21	61.14	61.22	61.81
45	12.0	13.8	1.60	15.5	64.4	61.64	62.57	62.65	63.24
46	12.3	14.1	1.64	15.2	65.8	63.08	64.00	64.08	64.67
47	12.5	14.4	1.67	14.9	67.3	64.51	65.43	65.51	66.10
48	12.8	14.7	1.71	14.6	68.7	65.94	66.86	66.95	67.53
49	13.1	15.0	1.74	14.3	70.1	67.37	68.29	68.38	68.96
50	13.3	15.3	1.78	14.0	71.6	68.80	69.72	69.81	70.39
51	13.6	15.6	1.81	13.7	73.0	70.23	71.16	71.24	71.83
52	13.9	15.9	1.85	13.4	74.4	71.66	72.59	72.67	73.26
53	14.1	16.3	1.88	13.2	75.9	73.10	74.02	74.10	74.69
54	14.4	16.6	1.92	12.9	77.3	74.53	75.45	75.53	76.12
55	14.7	16.9	1.96	12.7	78.7	75.96	76.88	76.96	77.55

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High Density Blowing Chart

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3 # Density

Bag Weight 25 lbs.

Depth	SQ FT/ Bag	R Value	Coverage SQ FT per Bag	
			2 X on 16	2 X on 24
2.0	50.0	7.5	50.9	50.6
2.5	40.0	9.4	40.9	40.6
3.0	33.3	11.3	34.2	33.9
3.5	28.6	13.1	29.4	29.1
4.0	25.0	15.0	25.9	25.6
4.5	22.2	16.9	23.1	22.8
5.0	20.0	18.8	20.9	20.6
5.5	18.2	20.6	19.0	18.7
6.0	16.7	22.5	17.5	17.2
6.5	15.4	24.4	16.2	15.9
7.0	14.3	26.3	15.1	14.8
7.5	13.3	28.1	14.2	13.9
8.0	12.5	30.0	13.4	13.1
8.5	11.8	31.9	12.6	12.3
9.0	11.1	33.8	12.0	11.7
9.5	10.5	35.6	11.4	11.1
10.0	10.0	37.5	10.9	10.6
10.5	9.5	39.4	10.4	10.1
11.0	9.1	41.3	10.0	9.6
11.5	8.7	43.1	9.6	9.3
12.0	8.3	45.0	9.2	8.9
12.5	8.0	46.9	8.9	8.6
13.0	7.7	48.8	8.6	8.2
13.5	7.4	50.6	8.3	8.0
14.0	7.1	52.5	8.0	7.7
14.5	6.9	54.4	7.8	7.5
15.0	6.7	56.3	7.5	7.2
15.5	6.5	58.1	7.3	7.0
16.0	6.3	60.0	7.1	6.8

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

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High Density Blowing Chart

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3.5 # Density

Bag Weight 25 lbs.

Depth	SQ FT/ Bag	R Value	Coverage SQ FT per Bag	
			2 X on 16	2 X on 24
2.0	42.9	7.5	43.6	43.3
2.5	34.3	9.4	35.0	34.8
3.0	28.6	11.3	29.3	29.0
3.5	24.5	13.1	25.2	25.0
4.0	21.4	15.0	22.2	21.9
4.5	19.0	16.9	19.8	19.5
5.0	17.1	18.8	17.9	17.6
5.5	15.6	20.6	16.3	16.1
6.0	14.3	22.5	15.0	14.8
6.5	13.2	24.4	13.9	13.7
7.0	12.2	26.3	13.0	12.7
7.5	11.4	28.1	12.2	11.9
8.0	10.7	30.0	11.5	11.2
8.5	10.1	31.9	10.8	10.6
9.0	9.5	33.8	10.3	10.0
9.5	9.0	35.6	9.8	9.5
10.0	8.6	37.5	9.3	9.0
10.5	8.2	39.4	8.9	8.6
11.0	7.8	41.3	8.5	8.3
11.5	7.5	43.1	8.2	7.9
12.0	7.1	45.0	7.9	7.6
12.5	6.9	46.9	7.6	7.3
13.0	6.6	48.8	7.3	7.1
13.5	6.3	50.6	7.1	6.8
14.0	6.1	52.5	6.9	6.6
14.5	5.9	54.4	6.7	6.4
15.0	5.7	56.3	6.5	6.2
15.5	5.5	58.1	6.3	6.0
16.0	5.4	60.0	6.1	5.8

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