

# WELL PLUGGING MATERIAL REQUIREMENTS

Bags of Bentonite	Well Inside Diameter (inches)									
	18	21	24	27	30	33	36	40	45	48
<b>Depth in feet</b>	<b>Tons of Fill Material</b>									
20	1.9	2.5	3.3	4.2	5.2	6.3	7.5	9.2	12	13
25	2.4	3.3	4.4	5.5	6.8	8.2	10	12	15	17
30	3.0	4.1	5.4	6.8	8.4	10	12	15	19	22
35	3.6	4.9	6.4	8.1	10	12	14	18	23	26
40	4.2	5.7	7.5	9.4	12	14	17	21	26	30
45	4.8	6.5	8.5	11	13	16	19	24	30	34
50	5.4	7.3	9.5	12	15	18	21	26	34	38
55	5.9	8.1	11	13	17	20	24	29	37	42
60	6.5	8.9	12	15	18	22	26	32	41	46
65	7.1	9.7	13	16	20	24	28	35	44	51
70	7.7	10	14	17	21	26	31	38	48	55
75	8.3	11	15	19	23	28	33	41	52	59
80	8.9	12	16	20	25	30	35	44	55	63
85	9.4	13	17	21	26	32	38	47	59	67
90	10	14	18	23	28	34	40	50	63	71
95	11	14	19	24	29	36	42	52	66	75
100	11	15	20	25	31	38	45	55	70	80
Per foot	0.1	0.15	0.2	0.25	0.3	0.35	0.45	0.55	0.7	0.8

**For smaller or deeper wells, consult a qualified specialist.**

Based on two bentonite seals, each one foot thick and equal in diameter to the inside of the well, with 10% extra @ 0.7 cubic feet per bag. Fill material based on well diameter and depth minus 4' with 10% extra and 120 pounds per cubic foot.

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