

# Southwest Type 7TB™ Theoretical Density & Coverage Chart

Water/bag (gal.)		9.00		9.25		9.50		9.75		10.00		10.25		10.50		10.75		11.00	
Wet Den. (pcf)	Wgt L cup (gm.)	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.	Dry Den. (pcf)	Bd. Ft. Cov.
40	641	18.4	37.5	18.1	38.1	17.8	38.8	17.5	39.4	17.2	40.0	17.0	40.6	16.7	41.3	16.5	41.9	16.2	42.5
41	657	18.9	36.6	18.5	37.2	18.2	37.8	18.0	38.4	17.7	39.0	17.4	39.7	17.1	40.3	16.9	40.9	16.6	41.5
42	673	19.3	35.7	19.0	36.3	18.7	36.9	18.4	37.5	18.1	38.1	17.8	38.7	17.6	39.3	17.3	39.9	17.0	40.5
43	689	19.8	34.9	19.4	35.5	19.1	36.1	18.8	36.6	18.5	37.2	18.2	37.8	18.0	38.4	17.7	39.0	17.4	39.6
44	705	20.2	34.1	19.9	34.7	19.6	35.2	19.3	35.8	19.0	36.4	18.7	37.0	18.4	37.5	18.1	38.1	17.8	38.7
45	721	20.7	33.3	20.4	33.9	20.0	34.5	19.7	35.0	19.4	35.6	19.1	36.1	18.8	36.7	18.5	37.2	18.3	37.8
46	737	21.1	32.6	20.8	33.2	20.5	33.7	20.1	34.3	19.8	34.8	19.5	35.3	19.2	35.9	18.9	36.4	18.7	37.0
47	753	21.6	31.9	21.3	32.5	20.9	33.0	20.6	33.5	20.3	34.1	19.9	34.6	19.6	35.1	19.4	35.7	19.1	36.2
48	769	22.1	31.3	21.7	31.8	21.4	32.3	21.0	32.8	20.7	33.4	20.4	33.9	20.1	34.4	19.8	34.9	19.5	35.4
49	785	22.5	30.6	22.2	31.1	21.8	31.6	21.5	32.2	21.1	32.7	20.8	33.2	20.5	33.7	20.2	34.2	19.9	34.7
50	801	23.0	30.0	22.6	30.5	22.2	31.0	21.9	31.5	21.6	32.0	21.2	32.5	20.9	33.0	20.6	33.5	20.3	34.0
51	817	23.4	29.4	23.1	29.9	22.7	30.4	22.3	30.9	22.0	31.4	21.6	31.9	21.3	32.4	21.0	32.9	20.7	33.4
52	833	23.9	28.9	23.5	29.3	23.1	29.8	22.8	30.3	22.4	30.8	22.1	31.3	21.7	31.7	21.4	32.2	21.1	32.7
53	849	24.4	28.3	24.0	28.8	23.6	29.3	23.2	29.7	22.8	30.2	22.5	30.7	22.2	31.1	21.8	31.6	21.5	32.1
54	865	24.8	27.8	24.4	28.3	24.0	28.7	23.6	29.2	23.3	29.6	22.9	30.1	22.6	30.6	22.2	31.0	21.9	31.5
55	881	25.3	27.3	24.9	27.7	24.5	28.2	24.1	28.7	23.7	29.1	23.3	29.6	23.0	30.0	22.6	30.5	22.3	30.9
56	897	25.7	26.8	25.3	27.2	24.9	27.7	24.5	28.1	24.1	28.6	23.8	29.0	23.4	29.5	23.1	29.9	22.7	30.4
57	913	26.2	26.3	25.8	26.8	25.4	27.2	25.0	27.6	24.6	28.1	24.2	28.5	23.8	29.0	23.5	29.4	23.1	29.8
58	929	26.7	25.9	26.2	26.3	25.8	26.7	25.4	27.2	25.0	27.6	24.6	28.0	24.2	28.5	23.9	28.9	23.5	29.3
59	946	27.1	25.4	26.7	25.9	26.3	26.3	25.8	26.7	25.4	27.1	25.0	27.6	24.7	28.0	24.3	28.4	23.9	28.8
60	962	27.6	25.0	27.1	25.4	26.7	25.8	26.3	26.3	25.9	26.7	25.5	27.1	25.1	27.5	24.7	27.9	24.3	28.3
61	978	28.0	24.6	27.6	25.0	27.1	25.4	26.7	25.8	26.3	26.2	25.9	26.7	25.5	27.1	25.1	27.5	24.7	27.9
62	994	28.5	24.2	28.0	24.6	27.6	25.0	27.1	25.4	26.7	25.8	26.3	26.2	25.9	26.6	25.5	27.0	25.2	27.4
63	1010	29.0	23.8	28.5	24.2	28.0	24.6	27.6	25.0	27.2	25.4	26.7	25.8	26.3	26.2	25.9	26.6	25.6	27.0
64	1026	29.4	23.4	28.9	23.8	28.5	24.2	28.0	24.6	27.6	25.0	27.2	25.4	26.8	25.8	26.4	26.2	26.0	26.6
65	1042	29.9	23.1	29.4	23.5	28.9	23.9	28.5	24.2	28.0	24.6	27.6	25.0	27.2	25.4	26.8	25.8	26.4	26.2

Areas highlighted in orange are below the minimum 22 pcf dry density.