



**101 PIPE & CASING**  
**(800) 332-9101**

**WEIGHT OF WATER IN FOOT LENGTHS OF PIPE OF DIFFERENT INSIDE DIAMETERS**  
*62,425 Pounds per cubic foot*

DIAMETER, INCHES	WATER POUNDS	DIAMETER, INCHES	WATER POUNDS	DIAMETER, INCHES	WATER POUNDS	DIAMETER, INCHES	WATER POUNDS
4	5.4476	6 1/2	14.385	9	27.579	13 1/2	62.052
4 1/4	6.1498	6 3/4	15.513	9 1/2	30.728	14	66.733
4 1/2	6.8946	7	16.683	9 3/4	32.366	14 1/2	71.585
4 3/4	7.6820	7 1/4	17.896	10	34.048	15	76.607
5	8.5119	7 1/2	19.152	10 1/2	37.537	15 1/2	81.799
5 1/4	9.3844	7 3/4	20.45	11	41.198	16	87.162
5 1/2	10.299	8	21.790	11 1/2	45.028	16 1/2	92.694
5 3/4	11.257	8 1/4	23.174	12	49.028	17	98.397
6	12.257	8 1/2	24.599	12 1/2	53.199	17 1/2	104.27
6 1/4	13.300	8 3/4	26.068	13	57.540	18	110.31

Weights of water in cylinders of the same length are proportional to the squares of the diameter. Therefore, to get weight of cylinder of water one foot long and 60 inches diameter, take from above table weight of water of 30-inch pipe and multiply it by the square of 60 / 30, or the square of two; thus, 306.43 x 4 = 1225.72 = the weight of water in one foot length of a 60-inch pipe.

**T & C WATER WELL COLUMN PIPE WEIGHT**

SIZE & WALL	LENGTH 5'	LENGTH 10'	LENGTH 20'
4 1/2 O.D. x .237	60#	114#	222#
5 9/16 O.D. x .258	82#	155#	300#
6 5/8 O.D. x .250	95#	181#	350#
6 5/8 O.D. x .280	105#	201#	390#
8 5/8 O.D. x .250	131#	243#	467#
8 5/8 O.D. x .277	143#	265#	514#
8 5/8 O.D. x .322	163#	305#	590#
10 3/4 O.D. x .250	171#	311#	591#
10 3/4 O.D. x .279	186#	343#	654#
10 3/4 O.D. x .307	202#	373#	715#
10 3/4 O.D. x .365	233#	435#	840#
12 3/4 O.D. x .250	202#	369#	703#
12 3/4 O.D. x .330	254#	475#	915#
12 3/4 O.D. x .375	283#	531#	1027#
12 3/4 O.D. x .406	303#	571#	1106#
14" O.D. x .250	224#	408#	775#
14" O.D. x .312	269#	497#	954#
14" O.D. x .375	313#	586#	1132#
14" O.D. x .437	357#	674#	1308#
16" O.D. x .375	363#	676#	1302#