COMPARE!!
MORE WATER, LESS ENERGY

ROD DIA.	ROD TYPE: DESCRIPTION	APPROX. WEIGHT 100 FT.	APPROX. WATER WEIGHT DISPLACEMENT 100 FT.	WINDMILL LOAD WEIGHT 100 FT.	ELEVATION ADJUSTMENT TO FIASA'S/ AWWC CHART	MAX RECOM-MENDED ROD LOAD (POUNDS)
5/8	AQUALITE	32	14	18	x 1.19	9,710
5/8	AQUAFLEX	36	15	21	x 1.17	11,987
3/4	AQUAFLEX	46	19	27	x 1.12	23,768
5/8	FIBERGLASS	37	15	22	x 1.16	7,300
3/4	FIBERCLASS	48	19	29	x 1.11	7,300
1	FIBERGLASS	82	30	52	x .93	18,660
1 1/4	FIBERGLASS	129	44	85	x .67	30,670
1 1/8	WOOD (WET)	49	8	41	x 1.00	800
1 3/8	WOOD (WET)	75	31	44	x 1.00	1,100
1 5/8	WOOD (WET)	113	66	47	x 1.00	1,400
3/8	#0 STEEL SOLID	46	10	36	x 1.05	2,060
1/2	#1 STEEL HOLLOW	64	16	48	x 1.00	2,755
3/4	#2 STEEL HOLLOW	117	38	79	x .72	5,495
1	#3 STEEL HOLLOW	188	59	129	x .33	8,155
1 1/4	#4 STEEL HOLLOW	250	94	156	x .12	11,035
7/16	STEEL SOLID5	51	7	44	x 1.00	1,540
1/2	STEEL SOLID	73	9	64	x .84	3,240
5/8	STEEL SOLID	115	13	102	x .54	10,710
3/4	STEEL SOLID	269	19	250	x .001	5,470

WINDMILL CONSTRUCTION.COM CALCULATION: for pumping elevation specified on TABLE OF PUMPING CAPACITIES is based on a submerged sucker rod string weight of 40 to 50 pounds per 100 feet. *[42.75]* This theory of calculation applies when the difference between the cylinder submergence and the surface elevation is no more than 50 feet.