



# HIGHLAND FLOTATION SYSTEMS

## Buoyancy Sheet

PONTOON O.D. SIZE	FLOTATION LINEAR FEET	10' LONG PONTOON FLOTATION MAX. LIFT	20' LONG PONTOON FLOTATION MAX. LIFT
6-5/8"	12 LBS.	120 LBS.	240 LBS.
8-5/8"	20 LBS.	200 LBS.	400 LBS.
10-3/4"	31 LBS.	310 LBS.	620 LBS.
12-3/4"	43 LBS.	430 LBS.	860 LBS.
14"	59 LBS.	590 LBS.	1180 LBS.
16"	77 LBS.	770 LBS.	1540 LBS.
18"	97 LBS.	970 LBS.	1940 LBS.
20"	119 LBS.	1190 LBS.	2380 LBS.
24"	172 LBS.	1720 LBS.	3440 LBS.
28"	234 LBS.	2340 LBS.	4680 LBS.
30"	268 LBS.	2680 LBS.	5360 LBS.
32"	305 LBS.	3050 LBS.	6100 LBS.
36"	386 LBS.	3860 LBS.	7720 LBS.
42"	525 LBS.	5250 LBS.	10,500 LBS.
48"	686 LBS.	6860 LBS.	13,720 LBS.

\*\*\*2 to 1 safety factor has been applied to this chart

\*\*\*Allowable Load is usually 50% of flotation max lift, which would put 50% of pipe pontoon submerged in water

\*\*\*In most cases you need two pontoons to float a dock, so multiple numbers by 2!