

OPEN LINK CHAIN

Open link chain comes in several grades or strengths:

- Standard - Hardware store type
- Proof Coil
- High Test
- High Tensile Transport
- Alloy

Weights will vary from type to type, but the following is based on proof coil grade.

CHAIN SIZE	WEIGHT IN POUNDS PER LINEAL FOOT	
	IN AIR	UNDER SEAWATER
3/16"	0.40	0.35
1/4"	0.73	0.63
5/16"	1.10	0.96
3/8"	1.59	1.38
1/2"	2.75	2.39
5/8"	4.08	3.55
3/4"	5.81	5.05
7/8"	7.30	6.35



CONCRETE

Concrete is one of the least efficient, but least expensive, materials to use as a ballast or anchor. Concrete (at 144 lbs./cu. ft. in air) weighs only **80.13** lbs./cu. ft. under seawater. As such one only gets **56%** of the concrete's weight in air as usable sub-sea weight in an anchor. This compares with **87%** for carbon steel or **91%** for lead.

When using concrete materials in or near saltwater at **type II** (or a type I-II) concrete should be used. A 3000 lb. mix is preferable.