

Minimum Mooring Tackle Specifications Town of Westbrook

Utilization of proper mooring tackle is necessary to secure vessels adequately at their moorings. Storms, wind, waves, tides currents and wash must be considered when selecting appropriate hardware. There can be no guarantee that these minimum standards will ensure the safety of vessels during all conceivable storm events. The Town of Westbrook assumes no liability for personal injury or property damage which results from the utilization of any tackle which meets or exceeds these requirements.

Mooring tackle must meet the following minimum standards: Only mushroom or pyramid anchors are acceptable.

Registered Boat Length (feet)	Pyramid Anchor (pounds)	Mushroom Anchor (pounds)	Bottom Chain (inches)	Top Chain (inches)	Nylon/Dacron Line (inches)	SS Wire (in.)
Under 16	70	75	3/8	5/16	1/2	1/4
17-19	135	150	3/8	5/16	1/2	1/4
20-22	200	200	1/2	5/16	5/8	1/4
23-25	300	250	1/2	5/16	3/4	1/4
26-30	300	300	5/8	3/8	3/4	1/4
31-35	400	400	5/8	3/8	3/4	1/4
36-40	500	500	3/4	1/2	7/8	1/4
41-50	700	600	3/4	1/2	1	1/4
51-55	1000	750	1	1/2	1-1/4	1/2

The maximum length of the pennant is two and one-half times the distance from the bow chock to the water plus the distance from the bow chock to the mooring cleat or post.

All pennant lines running through a chock or any other object where chafing may occur should have adequate chafe protection.

The total scope of chain must be two and one half times the depth of the water at high tide. The bottom and top chain should each consist of approximately half the scope.

All shackles, swivels, and other hardware must be proportional in size to the chain used. All shackles should be properly seized.

The pennant should be spliced or shackled onto the bitter end of the top chain (below the buoy). The use of a second pennant and anchor for heavy weather is encouraged.

Moorings should be placed such that 2 feet of water is above the shank of the anchor at low tide where possible. The Harbormaster shall have final approval of mooring location.