

RECOMMENDED MINIMUM STANDARDS FOR MOORINGS

Boat length (Feet)	Mushroom anchor (Pounds)	Bottom chain (Inches)	Top chain (Inches)	Pennant (Inches)
< 16	75	3/8	5/16	1/2
16-19	150	3/8	5/16	1/2
20-22	200	1/2	5/16	5/8
23-25	250	1/2	5/16	5/8
26-30	300	5/8	3/8	5/8
31-35	400	5/8	3/8	5/8
36-40	500	3/4	1/2	7/8
41-50	600	3/4	1/2	1
51-65	750	1	1/2	1-1/4

1. Only mushroom anchors or equivalent should be used for permanent moorings.
2. Bottom chain length: at least 1-1/2 times high tide depth.
3. Top chain length: equal to high tide depth.
4. Pennant: 2-1/2 times the distance from the bow chock to the water, plus the distance from the chock to the mooring cleat. Adequate chafe guards should be used.
5. All shackles and swivels should be proportional to or larger in size than the chain used, and properly seized with wire or nylon ties.
6. If your buoy has a galvanized rod through it, the pennant should be shackled into the top chain below the buoy so the strain is not carried by the rod.
7. Buoys must be white with a blue band around the circumference and marked with 3" high letters/numbers as follows: E- (PERMIT NUMBER); and WEIGHT OF MOORING ANCHOR in pounds. Name of vessel or permittee is optional.
8. Winter sticks must be white with a blue band and marked with permit number, float perpendicular to surface, be visible at least two feet above the surface at all times, and removed by May 31 each year, unless approved by the Harbor Master. Waterlogged wooden stakes not visible two feet above the surface will be pulled as navigation hazards.
9. Moorings must be pulled and visually inspected every third year.

Except for Nos. 7, 8, & 9, these standards are advisory only. No standards can ensure vessel security under all conditions especially during severe coastal storms. In less protected waters, use heavier tackle than the minimum shown. Neither the Harbor Master nor the Town of East Lyme assumes any liability for personal injury or property damage caused by the use of mooring tackle which meet or exceed these recommendations. Any person mooring a vessel in the Harbor Management Area is responsible for any damage to their own vessel or to any other vessel, person, or property caused by their vessel.