

Hydro-float[®] Mooring Buoys

DeepWater Buoyancy's spherical subsurface mooring buoys provide exceptionally reliable buoyancy for a variety of oceanographic, commercial, military and offshore applications. Made from DeepTec[®] syntactic foam, Hydro-float[®] Mooring Buoys (HMBs) offer a low-maintenance and cost-effective solution for subsurface moorings and other offshore applications. Because of their solid construction, these buoys may be cast with through holes and instrumentation pockets on any axis without compromising reliability. Clamps and mounting hardware can be added for any user-supplied instrumentation.

HMBs come in many standard sizes and can be customized to meet specific needs. While spheres are used in a wide range of flow regimes, elliptical buoys or streamlined designs, like our StableMoor[®], are also offered, further reducing drag on moorings in high current areas. HMB's can be fitted with integral tail fins providing additional stability while minimizing stress on rigging.



DEPTH	DIAMETER IN INCHES									
	20	25	31	36	40	44	49	51	56	62
	UPLIFT IN LBS/KG									
750	77/34	156/71	319/145	503/228	669/303	911/413	1,246/556	1,407/638	1,834/832	2,399/1,088
1500	65/29	131/59	273/124	432/196	574/260	782/355	1,070/485	1,208/548	1,574/714	2,028/920
3500	53/24	108/49	227/103	359/163	478/217	650/295	890/404	1,005/456	1,308/593	1,671/758
6000	48/22	99/45	207/94	328/149	436/198	593/269	812/368	917/416	1,194/542	1,510/685

Other depths and diameters available upon request.