

# 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 in meters	DIAMETER IN INCHES									
	20	25	31	36	40	44	49	51	56	62
	UPLIFT IN LBS/KG									
750	77.0/34.5	152/68.5	312/141	498/225	663/300	911/413	1246/565	1397/633	1834/831	2475/1122
1500	65.0/29.0	129/58.5	264/119	422/191	563/255	773/350	1059/480	1186/537	1558/706	2104/954
3500	53.5/24.2	107/48.5	218/98.5	350/158	466/211	642/291	879/398	983/445	1292/586	1746/791
6000	48.5/21.9	97.5/44.0	199/90.0	319/144	425/192	585/265	801/363	896/406	1178/534	1592/722

*Other depths and diameters available upon request.*