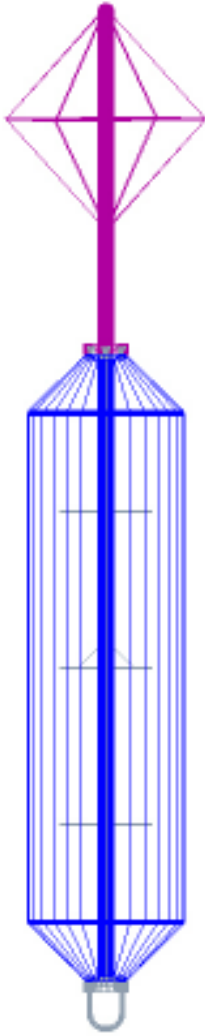


RM SERIES ARTIFICIAL REEF MARKER BUOYS



RM series buoys are designed as special purpose marker buoys for artificial fishing reefs. These buoys are normally yellow in color. They are also used as well head or subsea completion marker buoys in a red and white horizontal stripe design. This series uses a detachable aluminum radar reflector. Also see the **RMX** series reef marker which has an internal radar reflector.

The **RM** Series is made of closed cell, crosslinked polyethylene foam covered with a Spectra® high strength fabric reinforced Seathane® polyurethane skin. We do not offer an economy version foam because of the harsh conditions that this type of buoy must endure.

Steel components of these buoys are 304 stainless steel. Radar reflectors are aluminum. Both tall and short versions of the radar reflector are available. A bolt-on mooring plate is also required for attaching the buoy to its mooring. The mooring plate and radar reflector can be attached with :

- 5/8"-11NC (1/2"-13NC for **RM-12** & **RM-18**) 18-8 stainless steel hex head bolts or
- Anti-theft **PBT-50** pentagon head bolts available from Urethane Technologies.

RM series buoys are not internally ballasted. They depend on the weight of the mooring to maintain a proper attitude. An underwater weight of 25% to 40% of the buoy's net buoyancy should be provided by the mooring.



Dimensions below are without mooring plate and radar reflector.

Model No.	Diameter	Overall Height	Flange & Pipe Size	Weight	Net Buoyancy
RM-12	12"	54"	1"-150#	25 lbs.	180 lbs.
RM-18	18"	81"	1-1/2"-150#	80 lbs.	605 lbs.
RM-24	24"	108"	2"-150#	180 lbs.	1,450 lbs.
RM-30	30"	135"	3"-150#	350 lbs.	2,850 lbs.

These buoys are not intended for use in areas where ice may crust in excess of 4".

The **RM** Series buoy shown herein is depicted with an optional mooring plate & radar reflector.

*Seathane® is a trademark of Urethane Technologies, Inc.
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