



Dedication to Quality • Customer Experience
Manufacturing Excellence • Unrivaed Consistency
Maximum Buoyancy

The permafloat® difference



Roto Marine Products by
Cellofoam® is constantly
innovating based on customer
feedback and quality testing.

- Permafloat® Performance Dock Flotation® packages premium quality with seamless installation to wood, steel or aluminum dock systems
- Rotationally molded with nominal 0.150-inch-thick walls, Permafloat® offers enhanced durability and encapsulated protection from marine elements
- Rugged outer shell contains ultraviolet inhibitors and is filled with expanded polystyrene for superior buoyancy
- Available in a variety of sizes and suitable for both residential and commercial applications; backed by a 15-year manufacturer warranty

Embrace the permafloat® difference

12" Depth Series

Part #	Dimensions	Weight (lb)	Buoyancy (lb)
RP1412	12" x 48" x 12"	16	207
RP2312	24" x 36" x 12"	21	332
RP2412	24" x 48" x 12"	27	454
RP3412	36" x 48" x 12"	38	700
RP3612	36" x 72" x 12"	55	1061
RP3812	36" x 96" x 12"	73	1412
RP4412	48" x 48" x 12"	49	940
RP4512	48" x 60" x 12"	60	1186
RP4612	48" x 72" x 12"	71	1420
RP4812	48" x 96" x 12"	94	1900

16" Depth Series

Part #	Dimensions	Weight (lb)	Buoyancy (lb)
RP2316	24" x 36" x 16"	25	446
RP2416	24" x 48" x 16"	32	598
RP3416	36" x 48" x 16"	44	925
RP3616	36" x 72" x 16"	64	1402
RP3816	36" x 96" x 16"	85	1870
RP3.5616	42" x 72" x 16"	74	1636
RP4416	48" x 48" x 16"	57	1242
RP4516	48" x 60" x 16"	69	1568
RP4616	48" x 72" x 16"	82	1880
RP4816	48" x 96" x 16"	108	2518

20" Depth Series

Part #	Dimensions	Weight (lb)	Buoyancy (lb)
RP1420	12" x 48" x 20"	22	334
RP2320	24" x 36" x 20"	28	537
RP2420	24" x 48" x 20"	36	731
RP3420	36" x 48" x 20"	50	1132
RP3620	36" x 72" x 20"	72	1718
RP3820	36" x 96" x 20"	95	2295
RP4420	48" x 48" x 20"	64	1522
RP4520	48" x 60" x 20"	78	1923
RP4620	48" x 72" x 20"	93	2307
RP4820	48" x 96" x 20"	122	3092

24" Depth Series

Part #	Dimensions	Weight (lb)	Buoyancy (lb)
RP2424	24" x 48" x 24"	41	882
RP3424	36" x 48" x 24"	57	1364
RP3624	36" x 72" x 24"	82	2072
RP3824	36" x 96" x 24"	108	2771
RP4424	48" x 48" x 24"	73	1836
RP4524	48" x 60" x 24"	88	2320
RP4624	48" x 72" x 24"	105	2786
RP4824	48" x 96" x 24"	137	3737

32" Depth Series

Part #	Dimensions	Weight (lb)	Buoyancy (lb)
RP3632	36" x 72" x 32"	105	2678
RP3832	38" x 96" x 32"	134	3626
RP4632	48" x 72" x 32"	131	4638
RP4832	48" x 96" x 32"	167	4920

Additional Sizes

Part #	Dimensions	Weight (lb)	Buoyancy (lb)
RP2608	20" x 72" x 8"	26	356
RP2610	20" x 72" x 10"	29	443
RP2810	20" x 96" x 10"	39	598
RP2408	24" x 48" x 8"	22	288
RP2418	24" x 48" x 18"	34	652
RP3408	36" x 48" x 8"	32	472

*All weights, buoyancies, and dimensions are nominal and subject to manufacturing tolerances. Buoyancy numbers provided are maximum assuming complete submersion. Lower buoyancies will be achieved with less than complete submersion. Purchasers of our floats and lift tanks should engage with professional design experts to incorporate these products into their marine systems.

Permafloat® Performance Dock Flotation is made with 100% Virgin Material. This means better quality, durability and consistency.

Permafloat® Standards for Encapsulated Dock Flotation:

US Army Corp. of Engineers Regulation 36 CFR Part 327.30

- Meets or exceeds US Army Corp. of Engineers requirements for encapsulated dock floats

SHELL MATERIAL: LLDPE Resin

- Encasement Wall Thickness
 - 0.150" nominal
- ARM Falling Dart Impact Test
 - Quality Control test at ambient and low temperatures.
- UV Stabilization – UV20
- Environmental Stress Crack Resistance (ESCR)
 - >1000 hrs.
 - ASTM D1693
- Complies With
 - US FDA 21 CFR 177.1520 (c)3.1a (with restrictions)
 - NSF51 and NSF61

Flame Retardant – UL94

- LLDPE shell material and EPS foam fill material complies with UL94 HB test standard

FOAM FILL MATERIAL: Expanded Polystyrene (EPS)

- 7-Day Hunt Water Absorption Test
 - Water absorption < 3.0 pcf
 - Density = 0.90 pcf. minimum
 - Flexural Strength Test* - ASTM C203-05(a)
 - 12-14 psi
 - Compressive Strength Test* - ASTM D1621
- *Quality Control Tests to confirm EPS foam fusion for long-term performance and structural integrity



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