

AquaDam Specifications

Inflated Dimensions	Controllable Mud/Water Depth*	Specifications of Inner and Outer Tubes	Capacity** per linear ft	Dry Weight per linear ft
1' H x 2' W (0.3m tall)	9" (23 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 1 ply, 300 lb/in ² burst strength PP	12 gal/LF 45 liters/LF	0.75 lbs/LF 0.34 kg/LF
1.5' H x 3' W (0.45m tall)	14" (36 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 1 ply, 300 lb/in ² burst strength PP	25 gal/LF 95 liters/LF	0.95 lbs/LF 0.43 kg/LF
2' H x 4' W (0.61m high)	18" (45cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 1 ply, 300 lb/in ² burst strength PP	50 gal/LF 189 liters/LF	1.5lbs/LF 0.68kg/LF
2.5' H x 5' W (0.76m tall)	24" (61 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 1 ply, 300 lb/in ² burst strength PP	88 gal/LF 333 liters/LF	1.85 lbs/LF 0.84 kg/LF
3' H x 7' W (0.9m tall)	30" (77 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 1 ply, 300 lb/in ² burst strength PP	120 gal/LF 454 liters/LF	2.5 lbs/LF 1.1 kg/LF
4' H x 9' W (1.2m tall)	38" (97 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 1 ply, 300 lb/in ² burst strength PP	210 gal/LF 795 liters/LF	4.3 lbs/LF 1.9 kg/LF
5' H x 11' W (1.5m tall)	44" (112 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 2 plys of 300 lb/in ² burst strength PP	320 gal/LF 1,211 liters/LF	6.4 lbs/LF 2.9 kg/LF
6' H x 13' W (1.8m tall)	54" (137 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 2 plys of 300 lb/in ² burst strength PP	450 gal/LF 1,703 liters/LF	8.5 lbs/LF 3.9 kg/LF
8' H x 17' W (2.4m tall)	74" (188 cm)	Inner Tubing: 1 ply, 12 mil, Polyethylene Outer Sleeve: 2 plys of 300 lb/in ² burst strength PP	700 gal/LF 2,650 liters/LF	12 lbs/LF 5.4 kg/LF
10' H x 21' W (3m tall)	88" (223 cm)	Inner Tubing: 2 plys, 8 mil, Polyethylene Shroud: 1 PP woven shroud around both inner tubes Outer Sleeve: 4 plys of 300 lb/in ² burst strength PP	1,000 gal/LF 3,785 liters/LF	25 lbs/LF 11.3 kg/LF
12' H x 25' W (3.7m tall)	100" (254 cm)	Inner Tubing: 2 plys, 8 mil, Polyethylene Shroud: 1 PP woven shroud around each inner tube. Outer Sleeve: 5 plys of 300 lb/in ² burst strength PP	1,700 gal/LF 6,435 liters/LF	35 lbs/LF 15.9 kg/LF
16' H x 33' W (4.8m tall)	126" (320 cm)	Inner Tubing: 3 plys, 5 mil, Polyethylene Shroud: 2 PP woven shrouds between inside tubes Outer Sleeve: 7-plys of 300 lb/in ² burst strength PP	3,000 gal/LF 11,356 liters/LF	51 lbs/LF 23 kg/LF

*This number is based on the friction of a rocky bottom. Slick mud, poly pond liners, and other slick surfaces may require the use of a taller primary AquaDam and/or a support dam installed behind the primary AquaDam.

** Capacity is based on installation on flat ground. Slopes will reduce internal volume of AquaDam.

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