



AquaDam Specifications

Inflated Dimensions	Controllable Mud/Water Depth*	Specifications of Inner and Outer Tubes	Volume Per Linear Length**	Dry Weight Per Linear Length
1'Hx2'W (0.3m tall)	9" (23cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 1 ply, 6.2 oz woven Polypropylene	12gal/ft 149L/m	0.75 lbs/ft 1.1 kg/m
1.5'Hx3'W (0.45m tall)	14" (36 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 1 ply, 6.2 oz woven Polypropylene	25gal/ft 310L/m	0.95 lbs/ft 1.4 kg/m
2'Hx4'W (0.61m high)	18" (46cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 1 ply, 6.2 oz woven Polypropylene	50gal/ft 621L/m	1.5 lbs/ft 2.2 kg/m
2.5'Hx5'W (0.76m tall)	24" (61 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 1 ply, 6.2 oz woven Polypropylene	88gal/ft 1,093L/m	1.85 lbs/ft 2.8 kg/m
3'Hx7'W (0.9m tall)	30" (76 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 1 ply, 6.2 oz woven Polypropylene	120gal/ft 1,490L/m	2.5 lbs/ft 3.7 kg/m
4'Hx9'W (1.2m tall)	38" (97 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 1 ply, 6.2 oz woven Polypropylene	210gal/ft 2,608L/m	4.3 lbs/ft 6.4 kg/m
5'Hx11'W (1.5m tall)	44" (112 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 2 ply, 6.2 oz woven Polypropylene	320gal/ft 3,974L/m	6.4 lbs/ft 9.5 kg/m
6'Hx13'W (1.8m tall)	54" (137 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 2 ply, 6.2 oz woven Polypropylene	450gal/ft 5,589L/m	8.5 lbs/ft 13 kg/m
8'Hx17'W (2.4m tall)	74" (188 cm)	Inner Tubing: 1 ply, 12mil, Polyethylene. Outer Sleeve: 3 ply, 6.2 oz woven Polypropylene	700gal/ft 8,694L/m	13 lbs/ft 19 kg/m
10'Hx21'W (3m tall)	88" (224 cm)	Inner Tubing: 2 ply, 8 mil, Polyethylene. Shroud: 1 Polypropylene 3.25oz woven shroud around both inner tubes. Outer Sleeve: 4 ply, 6.2 oz woven Polypropylene	1,000gal/ft 12,419L/m	25 lbs/ft 37 kg/m
12'Hx25'W (3.7m tall)	100" (254 cm)	Inner Tubing: 2 ply, 8 mil, Polyethylene. Shroud: 1 Polypropylene 3.25oz woven shroud around both inner tubes. Outer Sleeve: 6 ply, 6.2 oz woven Polypropylene	1,700gal/ft 21,113L/m	35 lbs/ft 52 kg/m
14'Hx29'W (4.3m tall)	110" (279 cm)	Inner Tubing: 2 ply, 6 mil, Polyethylene. Shroud: 2 Polypropylene woven shroud around both inner tubes. Outer Sleeve: 7 ply, 6.2 oz woven Polypropylene	2,500gal/ft 31,048L/m	47 lbs/ft 70 kg/m
16'Hx33'W (4.8m tall)	126" (320 cm)	Inner Tubing: 2 ply, 12 mil, Polyethylene. Shroud: 2 Polypropylene woven shroud around both inner tubes. Outer Sleeve: 9 ply, 6.2 oz woven Polypropylene	3,000gal/ft 37,258L/m	51 lbs/ft 76 kg/m

*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.

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

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