

AquaDam Specifications

Inflated Dimensions	Controllable Mud/Water Depth*	Specifications of Inner and Outer Tubes	Capacity** (gal per linear foot)	Dry Weight (lbs per ft.)
1' H x 2' W (0.3m tall)	9" (23 cm)	Single 1 ply of 12 mil polyethylene inner tube 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	12	0.75 lbs
1.5' H x 3' W (0.45m tall)	14" (36 cm)	Single 1 ply of 12 mil polyethylene inner tube 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	25	0.95 lbs
2.5' H x 5' W (0.76m tall)	24" (61 cm)	Single 1 ply of 12 mil polyethylene inner tube 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	88	1.85 lbs
3' H x 7' W (0.9m tall)	30" (77 cm)	Single 1 ply of 12 mil polyethylene inner tube 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	120	2.5 lbs
4' H x 9' W (1.2m tall)	38" (97 cm)	Single 1 ply of 12 mil polyethylene inner tube 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	210	4.25 lbs
5' H x 11' W (1.5m tall)	44" (112 cm)	Single 1 ply of 12 mil polyethylene inside tube. 2 plys of 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	320	6.4 lbs
6' H x 13' W (1.8m tall)	54" (137 cm)	Single 1 ply of 12 mil polyethylene inside tube. 2 plys of 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	450	8.5 lbs
8' H x 17' W (2.4m tall)	74" (188 cm)	Single 1 ply of 12 mil polyethylene inside tube. 2 plys of 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	700	12 lbs
10' H x 21' W (3m tall)	90" (229 cm)	Single ply 8 mil polyethylene inside tube. Single 1 ply shroud surrounding inside tube. 4 plys of 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	1,000	25 lbs
12' H x 25' W (3.7m tall)	104" (264 cm)	2 plys of 8 mil polyethylene inside tube, each with a 1 ply shroud 4 plys of 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	1,700	31 lbs
16' H x 33' W (4.8m tall)	132" (335 cm)	3 plys of 5 mil polyethylene inside tube 2 single-ply shrouds between inside tubes 6 plys of 300 lb/in ² burst strength woven polypropylene geotextile outer sleeve.	3,000	45 lbs

*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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