



## AquaDam Specifications

| Inflated Dimensions              | Controllable Mud/Water Depth* | Specifications of Inner and Outer Tubes                                                                                                                                        | Volume Per Linear Length**      | Dry Weight Per Linear Length   |
|----------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| <b>1'Hx2'W</b><br>(0.3m tall)    | <b>9"</b><br>(23cm)           | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 1 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>12gal/ft</b><br>149L/m       | <b>0.75 lbs/ft</b><br>1.1 kg/m |
| <b>1.5'Hx3'W</b><br>(0.45m tall) | <b>14"</b><br>(36 cm)         | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 1 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>25gal/ft</b><br>310L/m       | <b>0.95 lbs/ft</b><br>1.4 kg/m |
| <b>2'Hx4'W</b><br>(0.61m high)   | <b>18"</b><br>(46cm)          | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 1 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>50gal/ft</b><br>621L/m       | <b>1.5 lbs/ft</b><br>2.2 kg/m  |
| <b>2.5'Hx5'W</b><br>(0.76m tall) | <b>24"</b><br>(61 cm)         | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 1 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>88gal/ft</b><br>1,093L/m     | <b>1.85 lbs/ft</b><br>2.8 kg/m |
| <b>3'Hx7'W</b><br>(0.9m tall)    | <b>30"</b><br>(76 cm)         | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 1 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>120gal/ft</b><br>1,490L/m    | <b>2.5 lbs/ft</b><br>3.7 kg/m  |
| <b>4'Hx9'W</b><br>(1.2m tall)    | <b>38"</b><br>(97 cm)         | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 1 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>210gal/ft</b><br>2,608L/m    | <b>4.3 lbs/ft</b><br>6.4 kg/m  |
| <b>5'Hx11'W</b><br>(1.5m tall)   | <b>44"</b><br>(112 cm)        | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 2 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>320gal/ft</b><br>3,974L/m    | <b>6.4 lbs/ft</b><br>9.5 kg/m  |
| <b>6'Hx13'W</b><br>(1.8m tall)   | <b>54"</b><br>(137 cm)        | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 2 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>450gal/ft</b><br>5,589L/m    | <b>8.5 lbs/ft</b><br>13 kg/m   |
| <b>8'Hx17'W</b><br>(2.4m tall)   | <b>74"</b><br>(188 cm)        | <b>Inner Tubing:</b> 1 ply, 12mil, Polyethylene. <b>Outer Sleeve:</b> 2 ply, 300lb/in <sup>2</sup> burst strength PP                                                           | <b>700gal/ft</b><br>8,694L/m    | <b>13 lbs/ft</b><br>19 kg/m    |
| <b>10'Hx21'W</b><br>(3m tall)    | <b>88"</b><br>(224 cm)        | <b>Inner Tubing:</b> 2 ply, 8 mil, Polyethylene. <b>Shroud:</b> 1 PP woven shroud around both inner tubes. <b>Outer Sleeve:</b> 4 ply, 300lb/in <sup>2</sup> burst strength PP | <b>1,000gal/ft</b><br>12,419L/m | <b>25 lbs/ft</b><br>37 kg/m    |
| <b>12'Hx25'W</b><br>(3.7m tall)  | <b>100"</b><br>(254 cm)       | <b>Inner Tubing:</b> 2 ply, 8 mil, Polyethylene. <b>Shroud:</b> 1 PP woven shroud around both inner tubes. <b>Outer Sleeve:</b> 5 ply, 300lb/in <sup>2</sup> burst strength PP | <b>1,700gal/ft</b><br>21,113L/m | <b>35 lbs/ft</b><br>52 kg/m    |
| <b>14'Hx29'W</b><br>(4.3m tall)  | <b>110"</b><br>(279 cm)       | <b>Inner Tubing:</b> 3 ply, 5 mil, Polyethylene. <b>Shroud:</b> 2 PP woven shroud around both inner tubes. <b>Outer Sleeve:</b> 7 ply, 300lb/in <sup>2</sup> burst strength PP | <b>2,500gal/ft</b><br>31,048L/m | <b>47 lbs/ft</b><br>70 kg/m    |
| <b>16'Hx33'W</b><br>(4.8m tall)  | <b>126"</b><br>(320 cm)       | <b>Inner Tubing:</b> 3 ply, 5 mil, Polyethylene. <b>Shroud:</b> 2 PP woven shroud around both inner tubes. <b>Outer Sleeve:</b> 7 ply, 300lb/in <sup>2</sup> burst strength PP | <b>3,000gal/ft</b><br>37,258L/m | <b>51 lbs/ft</b><br>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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