

Fact Sheet 6

USEFUL CALCULATIONS

A. Converting gallons to litres

gallons x 4.546 = litres

B. Calculating the size of your flexible liner

1. Measure the overall maximum length and width of the excavation.
2. To each of these figures, add twice the maximum depth.
3. Add 1ft or 50cm to each total to allow for overlap.

EXAMPLE - pond size is 3m x 2m x 75cm deep Add twice the depth (1.5m) to both the length and width: 4.5m x 3.5m Add 50cm to both figures: 5m x 4m. This is the liner size required.

C. Calculating the volume of your pond

1. In imperial, multiply the average width by average length by average depth by 6.25. This will give you the volume in gallons.
2. For circular ponds : In imperial, multiply the radius² by the average depth by 3.14 by 6.25. This will give you the volume in gallons.