

Calculating the size of Liner Required

The 3 essential measurements required to calculate the size of liner needed for a planned pool are:

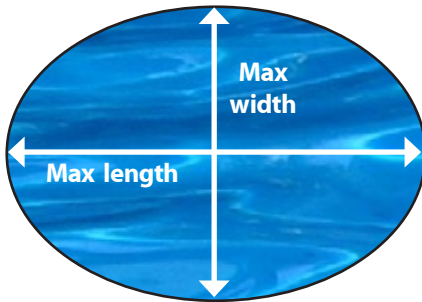
- A. maximum length of pond
- B. maximum width of pond
- C. maximum depth of pond

The length of liner required is calculated as follows:

Maximum length of pond (including any extra for under edging stones if planned) plus twice the maximum depth of the pond.

The width of liner required is calculated as follows:

Maximum width of pond (including any extra width for under edging stones if planned) plus twice the maximum depth of the pond.



Example:

For a pond with a maximum length of 10ft, a maximum width of 8ft and a maximum depth of 3ft.

Calculation:

Length of liner required is $10 + (2 \times 3) = 16\text{ft}$

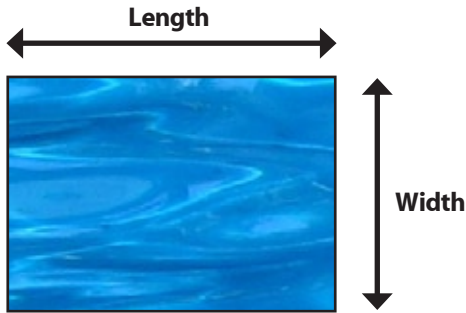
Width of liner required is $8 + (2 \times 3) = 14\text{ft}$

Useful calculations for making a pond

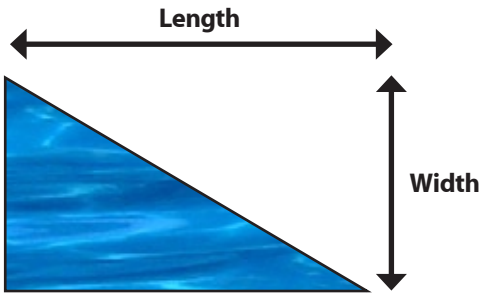


FROSTS
...naturally

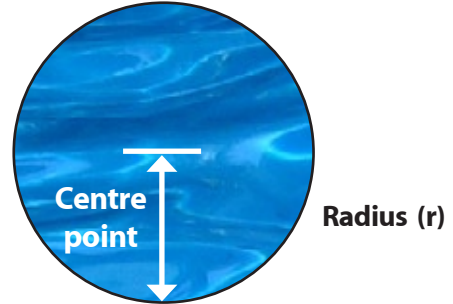
Some Useful Calculations



Square/Rectangle = $L \times W \times \text{Average Depth}$
 If measured in metres, multiply by 1000 for volume in litres
If measured in feet, multiply by 6.24 for volume in gallons



Triangle = $L \times W \text{ divided by } 2 \times \text{Average Depth}$
 If measured in metres, multiply by 1000 for volume in litres
If measured in feet, multiply by 6.24 for volume in gallons



Circle = $\pi (3.14) \times r^2 \times \text{Average depth}$
 If measured in metres, multiply by 1000 for volume on litres
If measured in feet, multiply by 6.24 for volume in gallons

Metric conversion	
12mm	= ½ inch
19mm	= ¾ inch
25mm	= 1 inch
32mm	= 1¼ inch
38mm	= 1½ inch

Conversion Factors	Multiply by
Metres to Feet	3.28
Feet to Metres	0.31
Litres to Gallons	0.22
Gallons to Litres	4.55