

You will need:

- 3m length of 21.5mm overflow pipe
- 4 x 90° 21.5mm plumbing bends
- Heavy duty strimmer line / flex
- Hack saw
- Sticky tape
- Tape measure

Instructions:

To make an open quadrat:

1. Measure out and carefully cut 50cm lengths of the overflow pipe using the hacksaw.
2. Using the 90 bends, slot four sections of pipe together to form a square.

To make a gridded quadrat:

3. From the inside of the quadrat, measure out and mark 10cm points along each side of the quadrat (i.e. four equidistant points along each 50cm side).
4. Score along each mark with a hack saw so that a deep groove is made (but the pipe remains in one piece).
5. Thread lengths of strimmer flex between the grooves on opposite sides of the quadrat. Tie these off with the flex taut and use sticky tape to fasten the loose ends to the rest of the flex.
6. Continue in this way until all the flex is attached in one direction. Turning the quadrat through 90 degrees, repeat the attachment of the flex lengths, but alternately weave the flex through the lengths that are already attached.

