

Welcome to SumiSoaker – Please read before use

Thank you for ordering the SumiSoaker, we really hope you enjoy using it. Used correctly, it delivers a very effective irrigation solution for the whole garden.

To help you get the most out of the SumiSoaker and to protect your purchase, here are some helpful guidelines that you should read carefully before use.

Caution:

SumiSoaker operates on low water pressure. Too much water pressure can cause damage and potentially create leaks in the hose.

Performance:

Take time to get to know your SumiSoaker. You may not get the results you want at first.

You will need to experiment to find the optimum setup for your lawn and garden. This will vary depending on the length of SumiSoaker you are using, the slope of your garden, the length of the connecting hose and the water pressure and flow rate you get from the garden tap.

The SumiSoaker dispenses on average 0.55 litres of water per metre per minute. Whilst it works on low water pressure, you still need to have a flow rate through your water supply that is high enough to provide sufficient water per minute. The longer the SumiSoaker, the more water you need available.

The average flow rate at a domestic property in the UK is 10-15 litres per minute. That is sufficient to run a 20m SumiSoaker, which requires 11.8 litres per minute.

Check your flow rate by timing yourself filling up a bucket. If a 10 litre bucket fills in 1 and a half minutes, then your flow rate will be: $10 \text{ divided by } 1.5 = 6.6 \text{ Litres per minute}$.

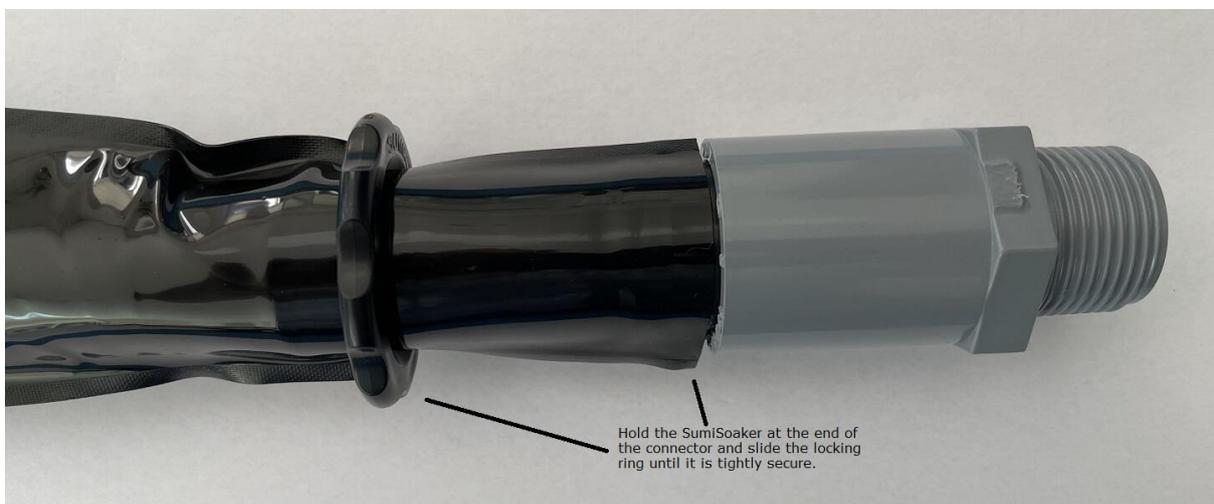
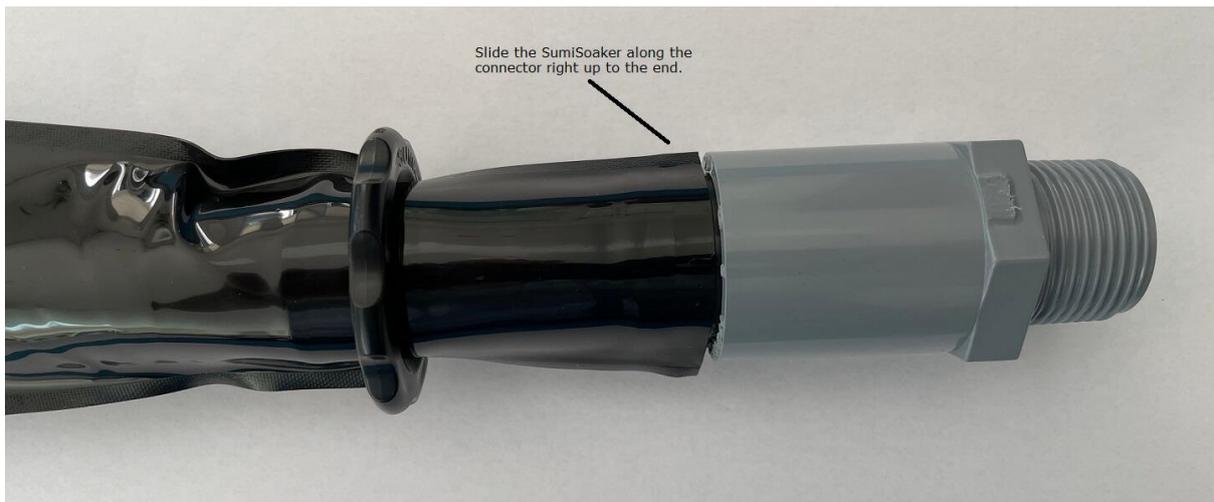
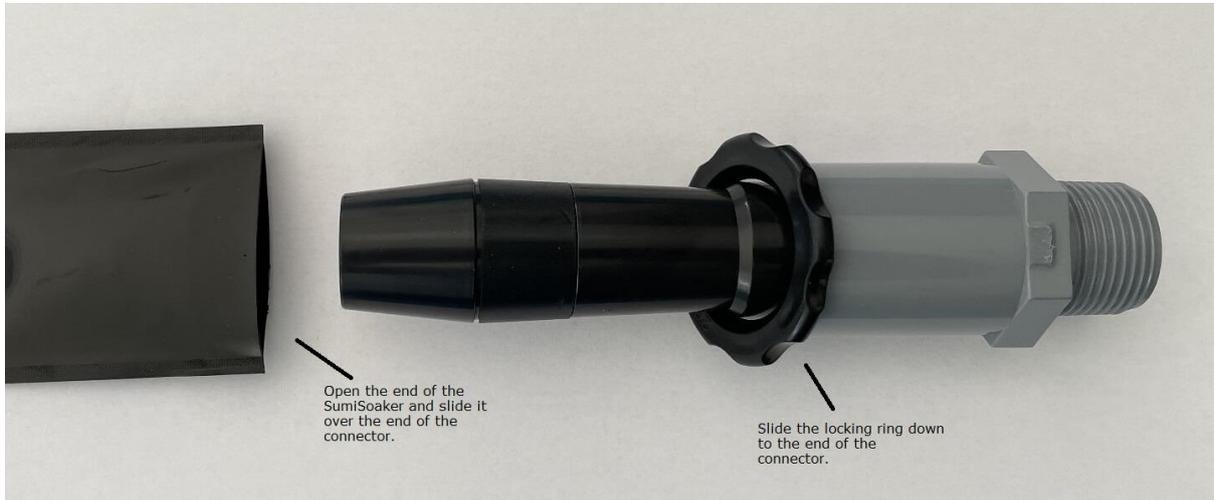
Flow Rates Required for optimum performance:

- 15m SumiSoaker – 8.8 litres per minute
- 20m SumiSoaker – 11.8 litres per minute
- 30m SumiSoaker – 17.7 litres per minute
- 50m SumiSoaker – 26.7 litres per minute

If you do not have the flow rate you need to run the length you prefer, you will not get the optimum width of spray. You may still run the SumiSoaker at full length, but with a reduced spray width. As you get to know your SumiSoaker, you will naturally discover the ideal length for any given watering pattern.

Getting Connected:

Your SumiSoaker comes with a ready-assembled 25mm threaded connector for connection to your SumiSoaker (the black end) and to your garden hose (the threaded end).



Hose Connection:

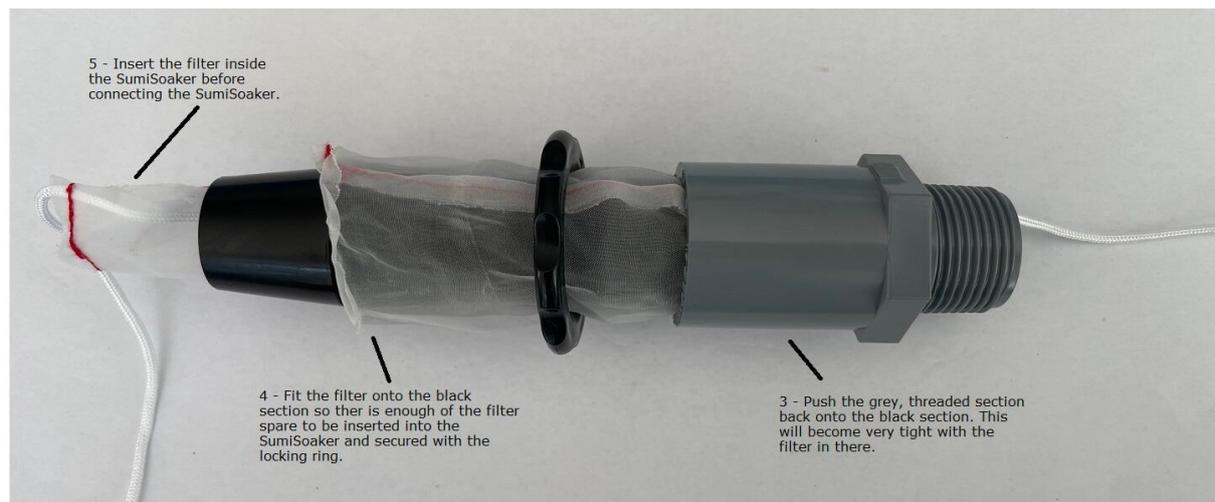
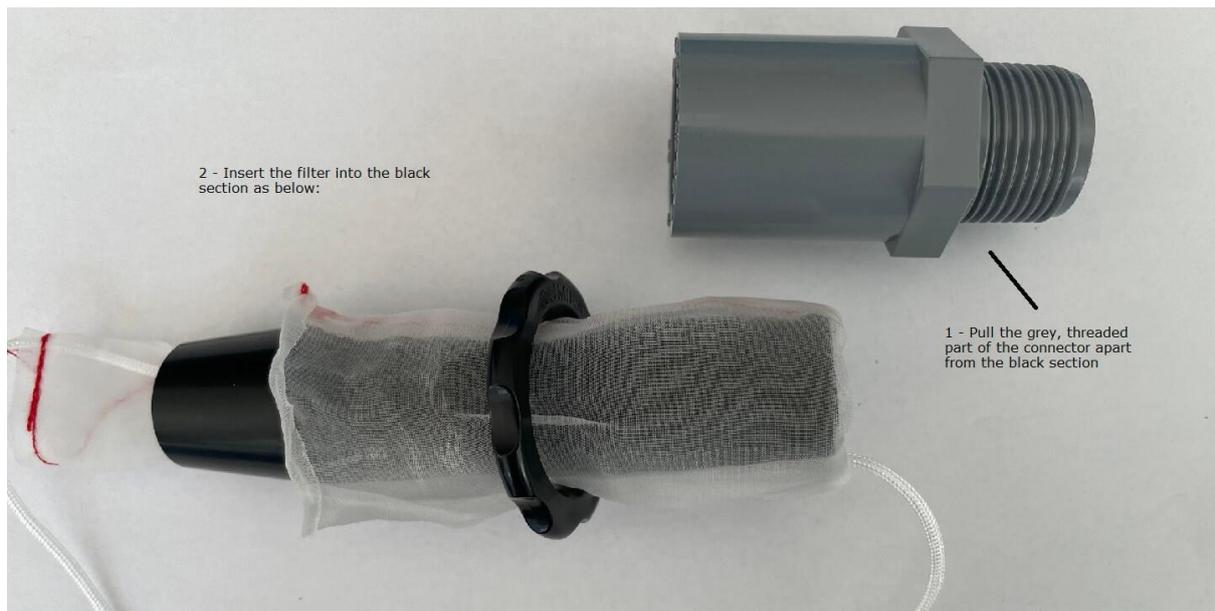
Attach a standard $\frac{3}{4}$ inch threaded tap connector to the grey threaded end of the SumiSoaker connector. These can be purchased in many places, including most garden centres and online.



(remove the white $\frac{1}{2}$ inch adapter)

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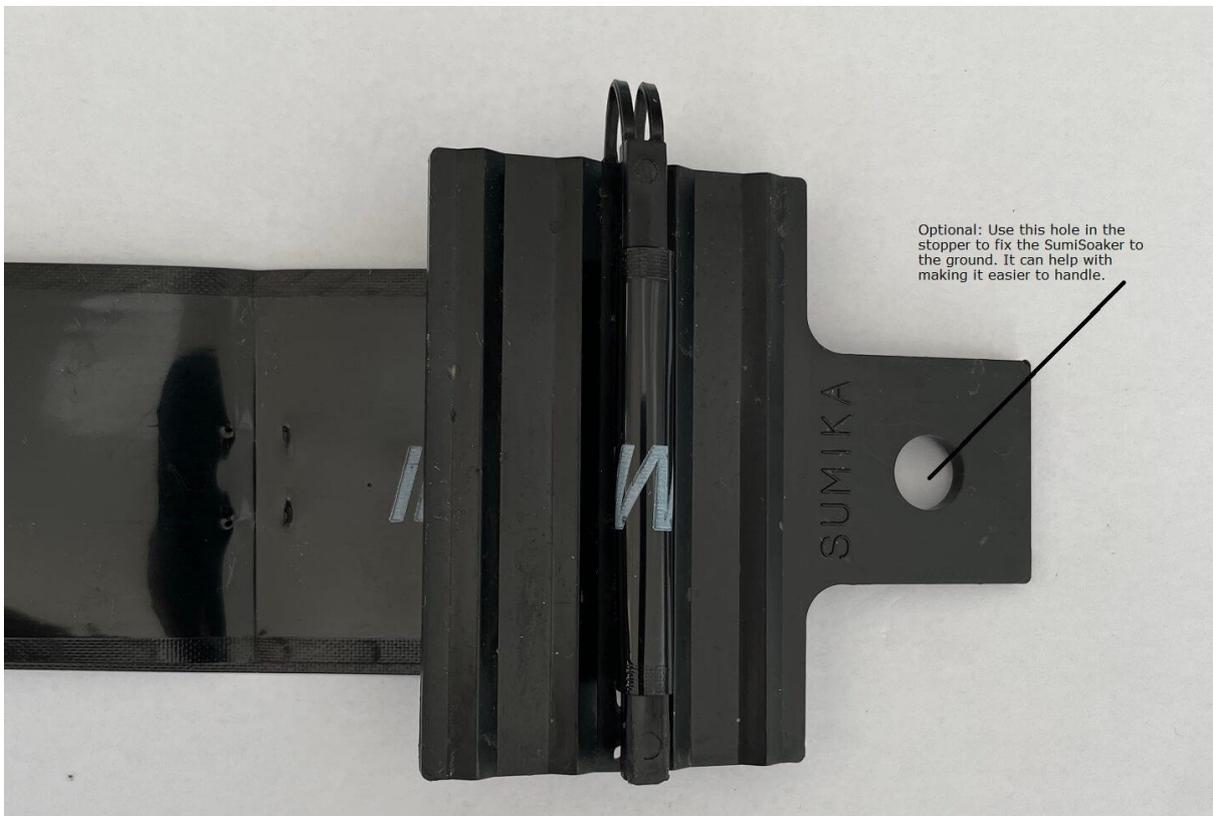
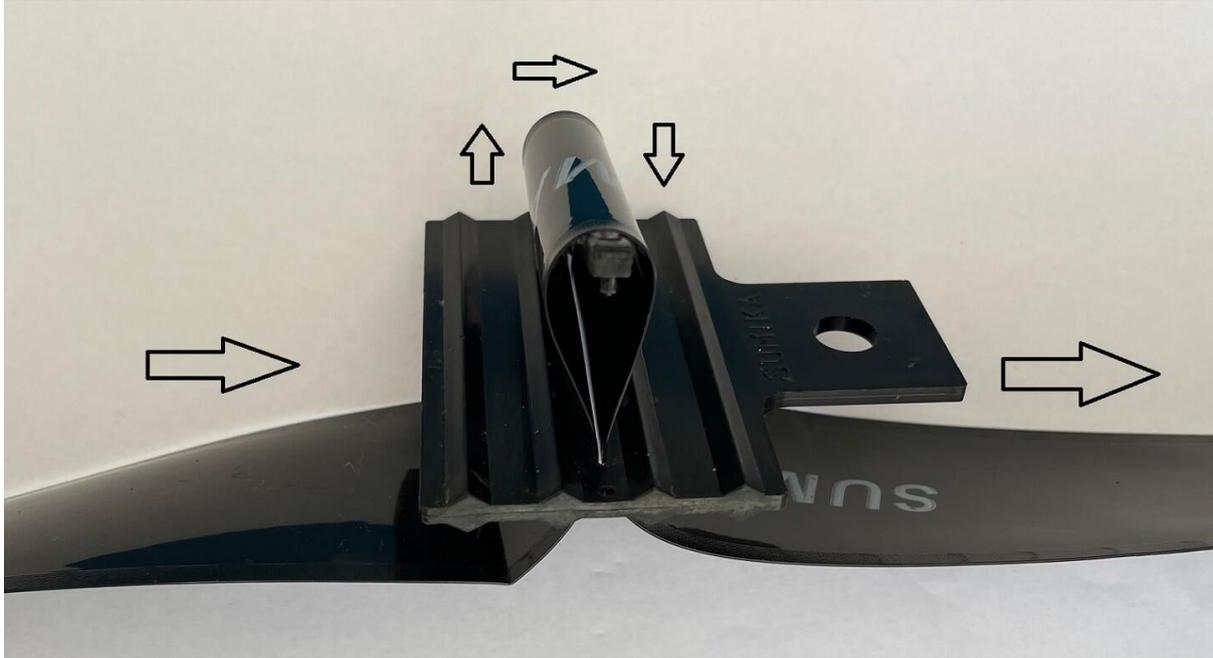
The SumiSoaker should always be run from a clean water supply. In most cases, water from an outside domestic tap is going to be perfectly clean. However, if you would like to take extra precaution then you can insert the filter into the connector to catch any debris that might come through the mains supply.



Stopper:

The stopper can be positioned anywhere along the length of the hose and is used to control the operational length of the SumiSoaker.

Feed the SumiSoaker through as follows:



Starting up:

When using the SumiSoaker, turn the tap on so it is barely open and wait for the hose to fill. The hose will gradually fill and pressure will build over the first few minutes, then you will see the jets starting to appear. Patience is key here, it can take several minutes before you see anything.

Note: It is difficult to see the spray from any distance unless the sun is low down and behind the SumiSoaker. You may need to kneel down and look along the length of the hose to see anything.

On the first use, we recommend setting the stopper at 15m, connecting the SumiSoaker to the garden hose and testing the performance at this length before you try and see if your water pressure will allow you to run a longer length.

For lengths over 15m, you may need to open the tap a little more. Do this very carefully, opening it a little more, step by step, until you find the right level of performance.

For optimum performance:

Connect the SumiSoaker to your hosepipe using the shortest length of hosepipe you can. Pressure diminishes over length, so this really makes a difference.

Run the SumiSoaker downhill (rather than across a slope) if you can. This will allow you to run a longer length on less pressure and get maximum spray width.

Use the shortest length of SumiSoaker you need. It is normally worthwhile finding the length that works with your water pressure to give a spray width of at least 4m and ideally up to 5m.

Care and Maintenance:

Take care of your SumiSoaker.

It should be kept clean and is best stored rolled up with all water drained from it.

Ideally, consider a suitable container that keeps it dust free so the micro-pores don't become blocked.

Make sure your lawn is free of any sharp debris before using the SumiSoaker as it can tear on sharp objects.