

## Soaker Hose

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This 1/4" inside diameter porous hose weeps or drips over its entire length at an optimum rate of about 20 gallons of water per hour per 100' and about 10 gallons of water per hour per 50'. It can be cut and shaped to meet your specific needs and is attached to a header hose with 1/4" connectors. (Parts sold separately.) For best results, use at low pressure when watering for an extended period of time.

The hose can be placed on top of the soil, or buried 3" to 6" under soil or a layer of mulch to directly feed the roots. As it doesn't throw water in the air, it greatly reduces water loss from evaporation. A soaker hose is also the most suitable method of irrigating plants that don't like to get their foliage wet.

Water distribution will depend on soil type and moisture content. A very sandy soil will require closer spacing because the water travels mostly straight down. A clay or highly organic soil (high in peat or compost), however, will wick the water horizontally as well as vertically. Experimentation will determine the optimal spacing of the hoses. Usually 2' spacing in sandy soil, and 4' spacing in clay soil or highly organic soil will be sufficient.

If sections of soaker hoses are set up opposite each other and connected to the same header hose, they need to be slightly offset so they don't interfere with each other.

The soaker hose should be used only with clean water. Your local climate, hard water and unfiltered rainwater will affect its overall durability; however, with proper care, the 1/4" inside diameter soaker hose should withstand up to five years of use.

The soaker hose will last longer and operate more effectively if a filter or filter washer is installed at the faucet.

To keep the pores clear of debris, flush the system at a higher pressure at least twice a year.

Although frost will not damage the soaker hose, it is recommended that you remove any end connectors and drain the hose before frost hits.

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