

# Mona Plant System Links Installation Guide

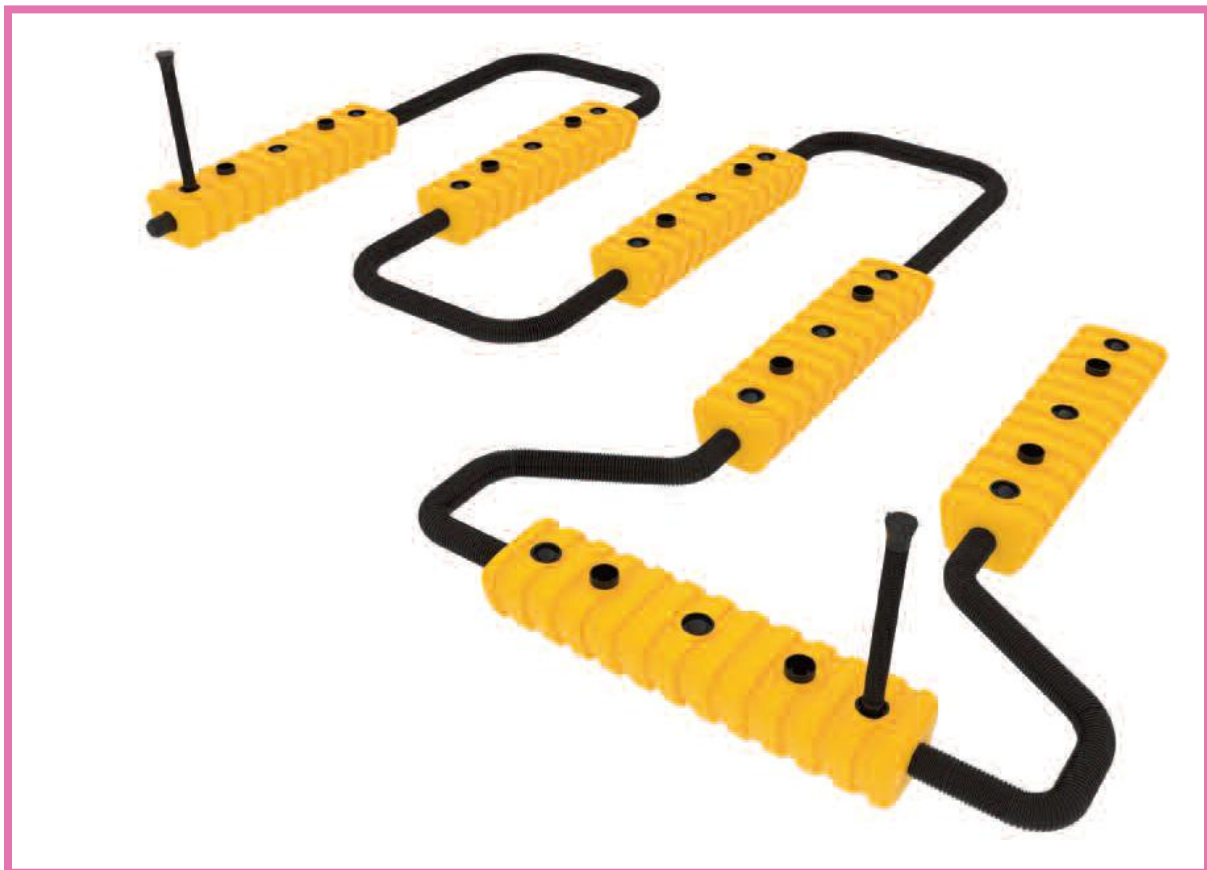
## Contents:

1. MPS tank. Dimensions and water volume dependant on Link model chosen.
2. Capillary leg. Used to transfer water between MPS tanks to plant roots.
3. Air Cap. Helps ensure healthier soil and roots.
4. Filler pipe and water level assembly, 1 required for every 5 MPS tanks connected.
5. 60mm (diameter) flexible pipe for connecting MPS tanks together.
6. 2no. O-rings installed inside 60mm pipe to create a water tight seal when connecting MPS tanks.
7. Rubber end stops. To be used if the MPS Link system is not a continuous circuit. One end stop should be fitted on the first & last MPS tank to create a complete sealed system.



## Installation:

- Choose the appropriate MPS Link System for your planting scheme ensuring maximum water efficiency and positioning. Considerations must be made to area & depth of planting. ***If you require assistance a member of the gtSpecifier design team will be able to assist you with design and CAD layout patterns.***
- Install drainage layer or base soil layers into planter or bed ensuring a level surface is achieved.
- Position the MPS tanks within the planter or bed ensuring capillary leg tops are no more than 180mm from the roots of the plant(s) being planted.
- Once the positioning and formation of the MPS Link System is agreed, measure and cut the flexible pipe to join the MPS tanks together. Install 2 O-rings per tank end and connect the cut flexible pipe.
- Ensure pipes and MPS links are pushed firmly together to create the best seal. *Applying a thin coating of lubricant to both the MPS tanks & O-rings will make connection easier and will prevent damage or movement of the O-rings during connection.*
- Where required fit end stops to first & last MPS tanks **7.** to seal the system.
- Filling the capillary legs with a good quality topsoil, ensures the soil has settled but is not compacted; lightly tap down soil but do not compact. This assists the transportation of water MPS tanks to the roots of the plants.
- Prior to back filling the planter or bed, ensure that the MPS tanks are secure and the flexible pipes are level and supported underneath by packing these areas with soil. This will stop the pipes moving or becoming disconnected.
- Install filler pipes into the MPS Link system **4.** . Filler pipes are pre-assembled and require cutting to size.



NB. Filler pipes **8.** can be inserted in any of the holes in the tank to assist with your planting arrangement. Once pipe is securely positioned in the MPS link remove inner water level indicator and filler pipe cap, cut filler pipe so the pipe will be flush with the finished soil level. To measure the water level indicator correctly you must place the indicator on top of the MPS link outside the newly cut filler pipe, cut the level indicator flush with the top of the filler pipe. Replace the water level indicator **9.** and filler pipe cap, repeat process for all filler pipes as necessary.

- Fill the MPS Link system with water to ensure all connections are water tight and water is moving around the systems correctly. *You can remove the air caps on the MPS tanks to better see filling process, replace air caps once complete.*
- Back fill entire planter or bed with soil and plant as per design.
- To activate capillary process give entire area a good surface watering ensuring good penetration in to the soil. *If the MPS Link system should become empty and dry, refill system and repeat the surface watering to reactivate the capillary process.*

