

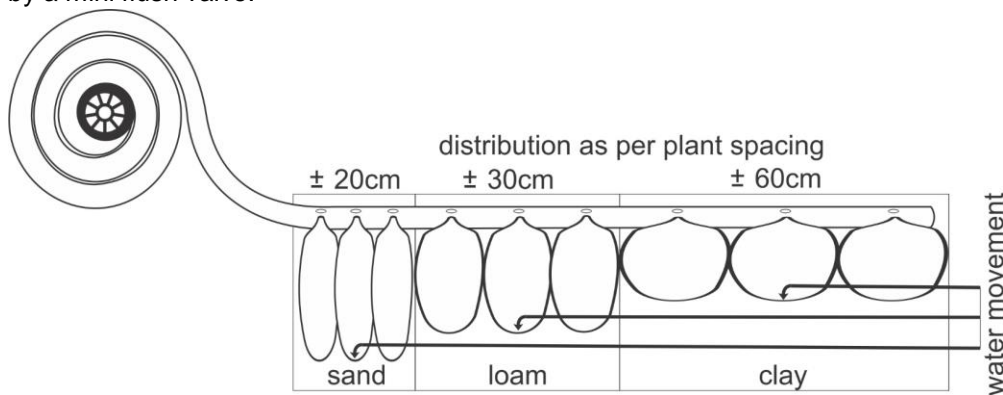
## INSTALLATION AND MAINTENANCE GUIDELINES

### Installation:

- Do not exceed the limitations as indicated on the information sheet, eg max lateral length and max operating pressure.
- Roll off in the direction as indicated on packaging.
- The dripper outlet must be on top of the dripline.
- Avoid damage to the dripline during installation and do not twist, pull, cut, or perforate it.
- Dripline can be installed on the surface, under mulch or subsurface below ground.
- Use appropriate fittings to prevent leaking and joining of pipes.
- Dripline should be under acceptable tension to allow for expansion and contraction because of temperature variations.
- In windy conditions it might be necessary to use an anchor or hoop to prevent sideways movement.
- Main and secondary lines should be flushed before connecting the dripline.

### Underground Installations:

- The dripline should be put under pressure within 24 hours after installation.
- Ensure depth is sufficient to prevent damage during working the ground with farming equipment but also to ensure that the water reaches the roots of the crop.
- Utilize air relief valves to prevent a vacuum inside the dripline.
- Prevent root intrusion by using a suitable herbicide.
- Regularly check flow at end of dripline to confirm water flow to the end, endcap can be replaced by a mini flush valve.



### Maintenance:

- It is advisable to regularly flush the dripline and filtration system.
- Water must be clean - install a proper filter, either screen, disc or sand.
- Rodents, roots and insects can damage the dripline, install proper preventative measures.
- Use only water-soluble fertilizers and flush the system before shut-down.
- When removing dripline from the field ensure to use a spool. Do not bundle the pipe.
- Do not attempt to unblock outlet holes with a needle as an emitter is embedded inside the wall that will be damaged.

Afriq Water supplies a full range of dripline fittings to build your drip irrigation system