

HOW TO USE NETAFIM'S LATERAL LINE FLOW TESTER

Using Leachline 18mm, 0.4 GPH at 18" spacing as an example.



Step 1: Isolate the test lateral (dripperline) from the rest of the pad with a clip or tie-off (as shown above).



Step 2: Measure the length of the tested lateral (example, 150').



Step 3: Insert the flow tester into the inlet (flow side) of the test lateral. Clipping the connection from the supply line makes it easier.



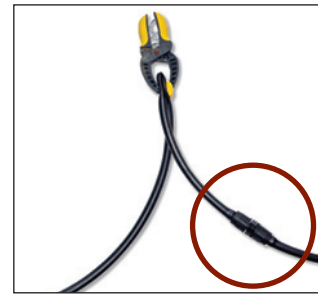
Step 4: Measure the flow. Example: 0.36 GPM = 21.6 GPM = 0.216 GPH per emitter (21.6/100)
Pressure: 20 psi



Step 5: Flush the end of the tested lateral.



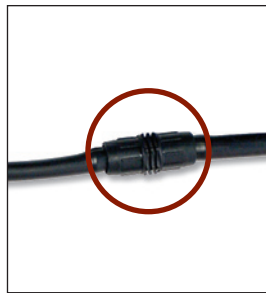
Step 6: Measure the flow during flushing - find measurement on digital readout.



Step 7: Re-connect the test lateral with coupling after flush.



Step 8: Measure the flow after flushing. Example: 0.5 GPM = 30 GPM = 0.3 GPH per emitter
Pressure: 20 psi



Step 9: Disconnect the flow meter and mark the test lateral for future testing.

Flow Tester Results/Recommendations:

Design flow per lateral @ 20 psi inlet pressure (18mm, 18" spacing, 0.4 GPH) = 0.72 GPM.

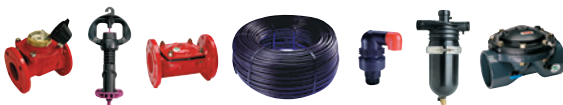
- Flow before flushing: 0.36 GPM per lateral.
- Flow after flushing: 0.5 GPM per lateral.

Conclusion: By flushing laterals GPM was increased per lateral line.

Recommendation: During flushing cycle increase flushing time and inlet pressure to reach optimal design flow rate.

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