M3 FLOODTEC

Flexseal
Non-Return Valve

Half of all flood claims are due to back-filling of sewerage pipes. This causes 'foul' water to flood the property from the inside by flowing back via toilets, plug holes, waste pipes and so on.

The traditional solution to this problem has been to sink a new manhole outside the property and fit non-return valves to eliminate the possibility.

This patented, unique Non-Return Valve will simply push-in to your current pipework.

Equally as effective as the traditional solution the valves can be fitted in minutes and do not require any specialist expertise or equipment.

Available in a range of sizes our Non-Return Valves can be fitted above and below ground and will completely protect your property from the threat of back-fill.

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Further Information

Installation Instructions:

- When entering manhole adhere to appropriate safety regulations, lift manhole cover carefully as it may be heavy, identify drainage flow direction by flushing the toilet, and identify how many pipes are connected from the property. You will need to fit a non-return valve (NRV) to each flow pipe from the property

- Clean out all incoming pipes to remove any slime etc

- Offer valve body into pipe (without "O" Rings) to ensure there are no obstacles within the pipe

- Check that the flap is not impeded by the benching. If so, grind or chip away benching so the flap closes unimpeded onto the body of the valve. Make good benching if required

- Remove valve from pipe and fit a single "O" Ring onto shallow end of first groove on valve body

- With hinge aligned vertical offer valve back into pipe and push in right up to Body Shoulder or at least past "O" Ring. If valve is a tight fit then leave in place, if however the valve is a loose fit remove and place a 2nd "O" Ring onto the shallow end of the 2nd groove on valve body and re-insert into pipe

- For normal use rotate locking lever clockwise to vertical position

- For maintenance use by your Local Water Authority or sewage undertaker: the locking lever can be rotated anti-clockwise until it slots into the Hinge and this will manually close the valve off, however the valve should not be left in this position or back-up will occur in the property's out-going pipes

Alternative: (for Extension Sleeve use)

- If the manhole pipes are recessed then the extension sleeve (supplied) may be required

- To fit this extension sleeve simply align sleeve pips with valve body holes/slots and push in until pips snap into holes. Make sure the NRV does not obstruct flow from other pipes

Maintenance Instructions:

- The Flexseal NRV has been designed to ensure free sewage flow from a property and reduces the risk of backflow into a property

- This valve will also provide protection against vermin intrusions

- The Flexseal NRV will activate the moment that flooding occurs in the manhole

- Regular simple maintenance is recommended. A visual inspection by lifting the manhole cover carefully, ensuring that the valve can operate efficiently is sufficient. If you have to enter the manhole ensure all other entry points are blocked off before you start to work. When leaving the manhole ensure all entry points are clear except the one with the NRV in it

- This should be carried out, prior and post flood events

- When the flood has receded, dirt and debris may be left in your manhole

- This must be cleaned away to ensure operation efficiency for the next flood. Either pick the debris out or hose down with a pipe. If using this method make sure the NRV is locked. Once clear unlock NRV

- If unblocking a toilet, first remove blue cap by pulling up and replace blue cap after unblocking

WARNING

If the unit is not installed and maintained in accordance with the manufactures' instruction the manufacturer assumes no responsibility for any resulting loss. The NRV has been designed specifically for home application with flood water. Any other use is a misapplication: e.g. use to prevent leakage of hazardous industrial chemicals