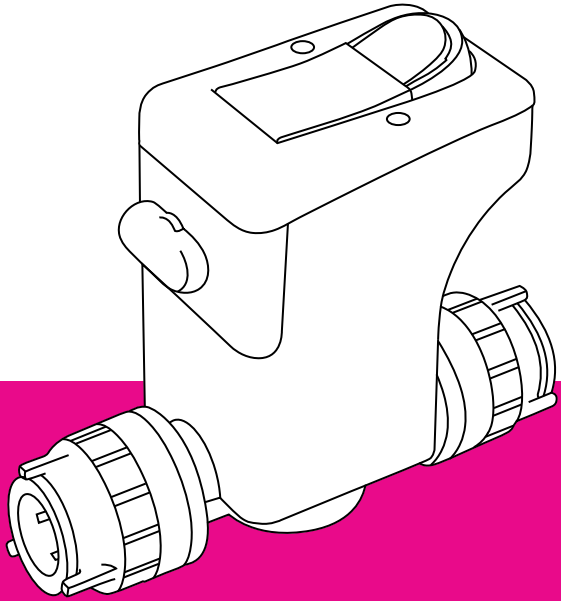
surestop®

Water Solutions & Service Provider



Pushfit Valve Instructions

Please note:

- For new and existing water supplies, the SPL valve can be used as a direct replacement for the existing stop valve. It can often be easier to leave the existing valve in situ and fit the *Surestop*® valve after.
- A 4M head of water is required for operation from a header tank supply.
- Access to the valve for operation and maintenance must be provided.
- There will be instances where the Earth Continuity of the property is reliant on the incoming mains pipework. The installation of the *Surestop* valve into the pipework may therefore compromise the Earth Continuity as the *Surestop* valve is of all plastic construction. In these circumstances the pipework should be bonded across the *Surestop* valve. If there is any doubt, cross bonding should be carried out as a precautionary measure. The means of cross bonding should be in accordance with the current edition of the Insitute of Electrical Engineer's regulations.
- After switching the water off with the *Surestop* valve, the residual water within the system will flow and then drip until drained off. The time for the residual water to drain off will vary upon the length of the pipework and the way it has been installed.
- If there is a leak in the system, the nearest draw-off point to the *Surestop* valve should be opened in addition to switching off the *Surestop* valve. This will ensure that the bulk of the residual water is drained so that the leak can be dealt with properly.
- Ensure the *Surestop* is sited where it is not subject to freezing. If that is not possible then the *Surestop* and pipework must be protected from freezing using suitable installation material.

Valve installation:

PUSH FITTING (values in mm)			
Product	**Gap A- pipe cut-out**	**Gap B- pipe spread**	**Pipe dia**
SS/15/SPL	34.0	min 88.0	15.0
SS/15/RPL			
SS/22/SPL	53.0	min 117.0	22.0
SS/22/RPL			

1 Turn off the water supply.

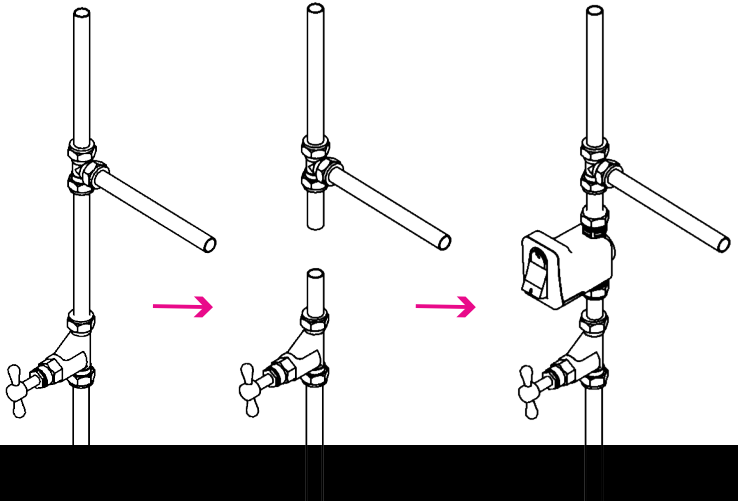
2a **If fitting after an existing stop valve:**

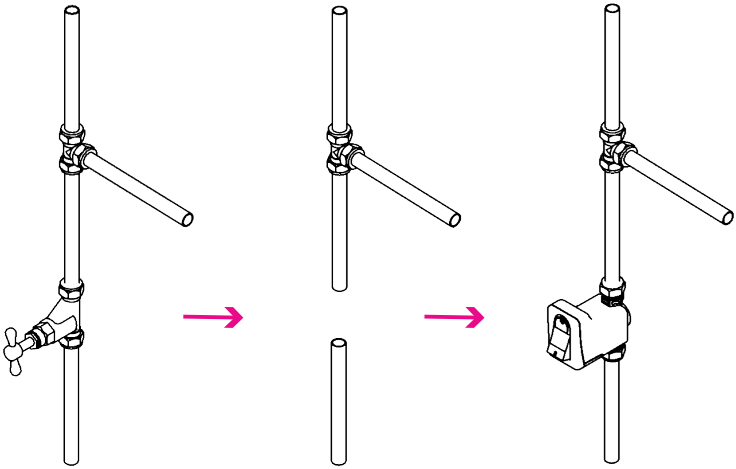
Follow the above table for GAP A.

Remove a 34mm (for a 15mm valve) or 53mm (for a 22mm valve) section of pipe. This should be after the stop valve and before any draw off.

Follow the above table for GAP B.

There should be the ability to spread the pipes to increase the gap to 88mm (for a 15mm valve) or 117mm (for a 22mm valve) to allow for easy insertion.





2b **If replacing the stop valve:**
Remove the existing stop valve. There should be a gap of 34mm (for a 15mm valve) or 53mm (for a 22mm valve), adjust &/or replace pipework to suit.

There should be movement to increase the gap to 88mm (for a 15mm valve) or 117mm (for a 22mm valve) to allow for easy insertion.

3 Ensure the ends of the pipe are clean cut and free from burr and paint for 25mm (for a 15mm valve) or 35mm (for a 22mm valve).

4 Push the *Surestop* valve onto the pipe ends. Ensure there is full engagement into the valve and that the direction of the flow is correct.

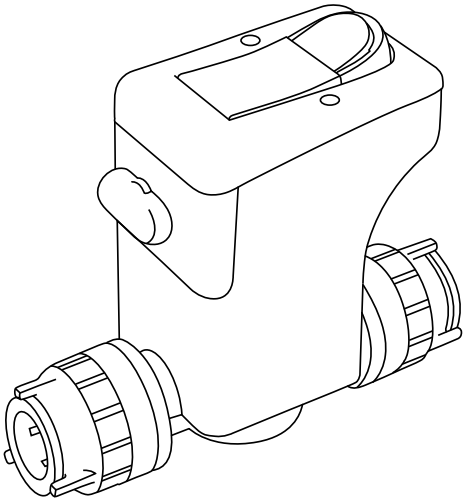
Operating & testing:

Switching at the valve:

1. The rocker switch on the valve enables the valve to turn off the water at pressures between 2 and 10 BAR.
2. Press the lock symbol to close the water valve (water off). Press the unlock symbol to open the valve (water on).

Commissioning:

1. Press the rocker to the OFF position and open the nearest water outlet. Open ended pipework should be capped prior to opening water supply.
2. Slowly turn the water supply back on. There may be a short burst of water at the open outlets, the water will turn off almost immediately. Press the rocker “off” and “on” several times to check function and leave in the “on” position. Check for leaks during the function test.



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