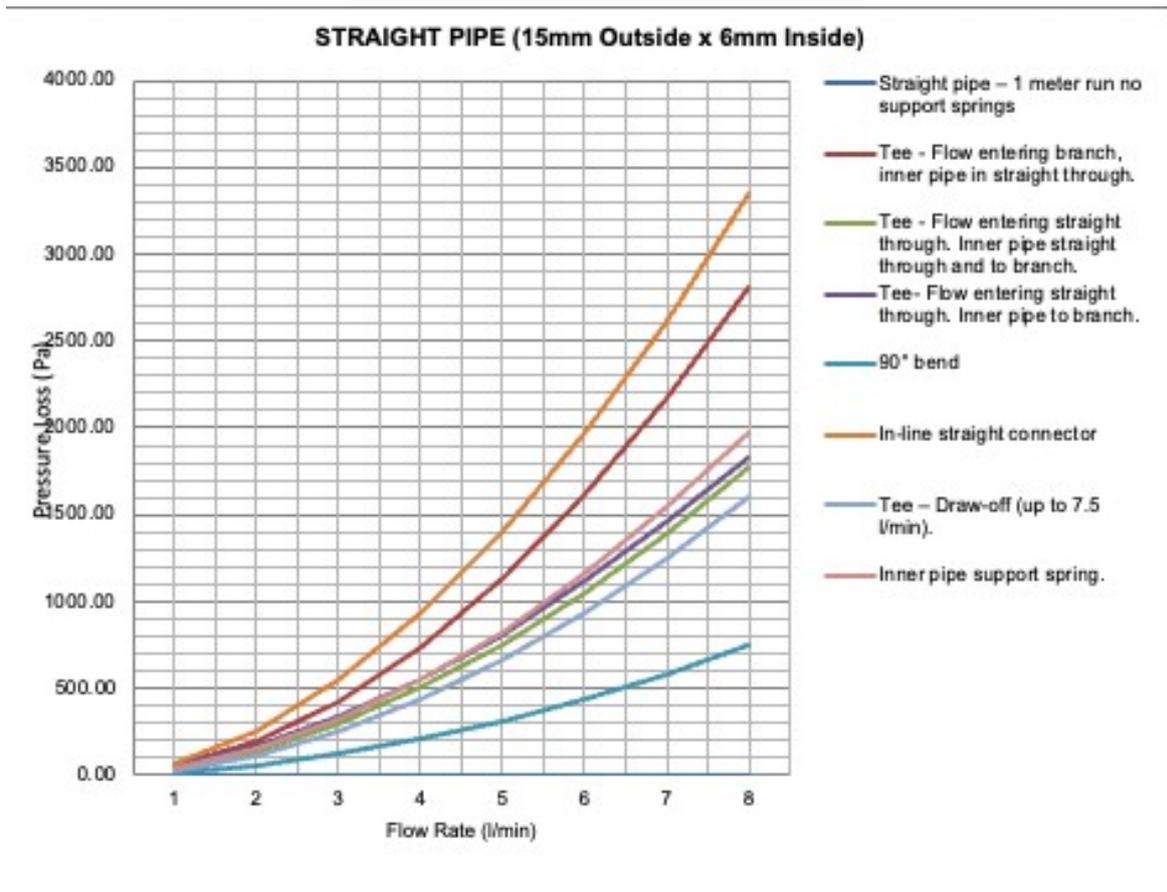
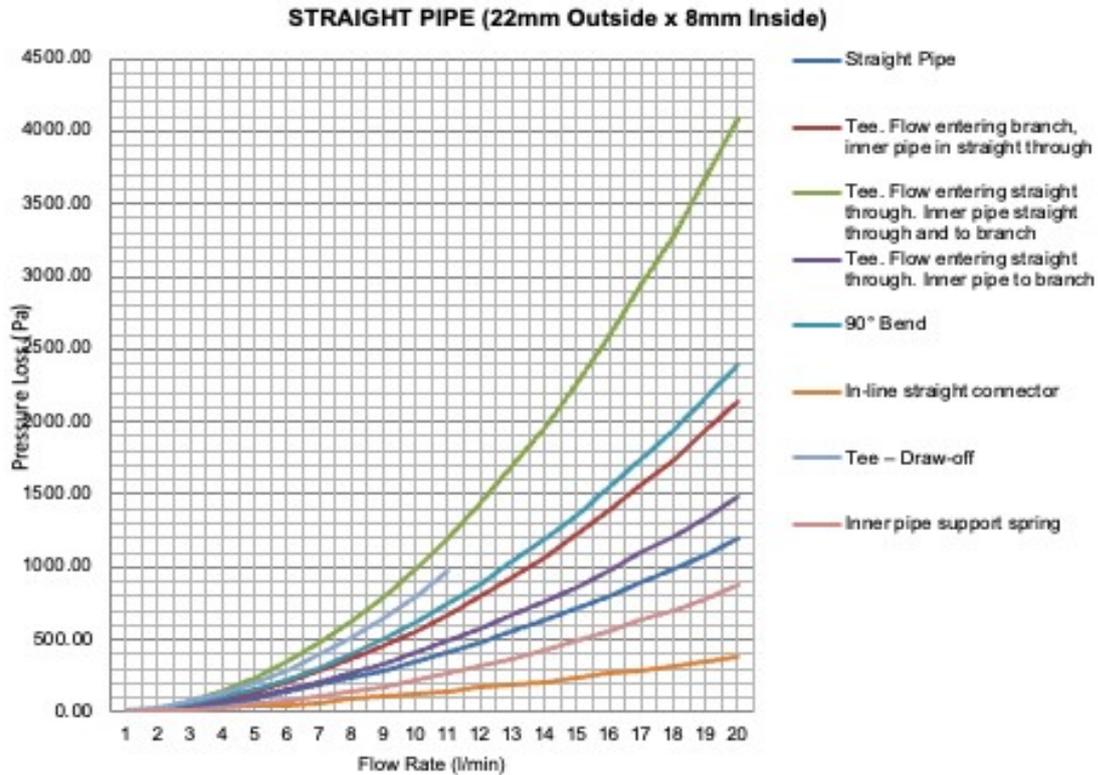


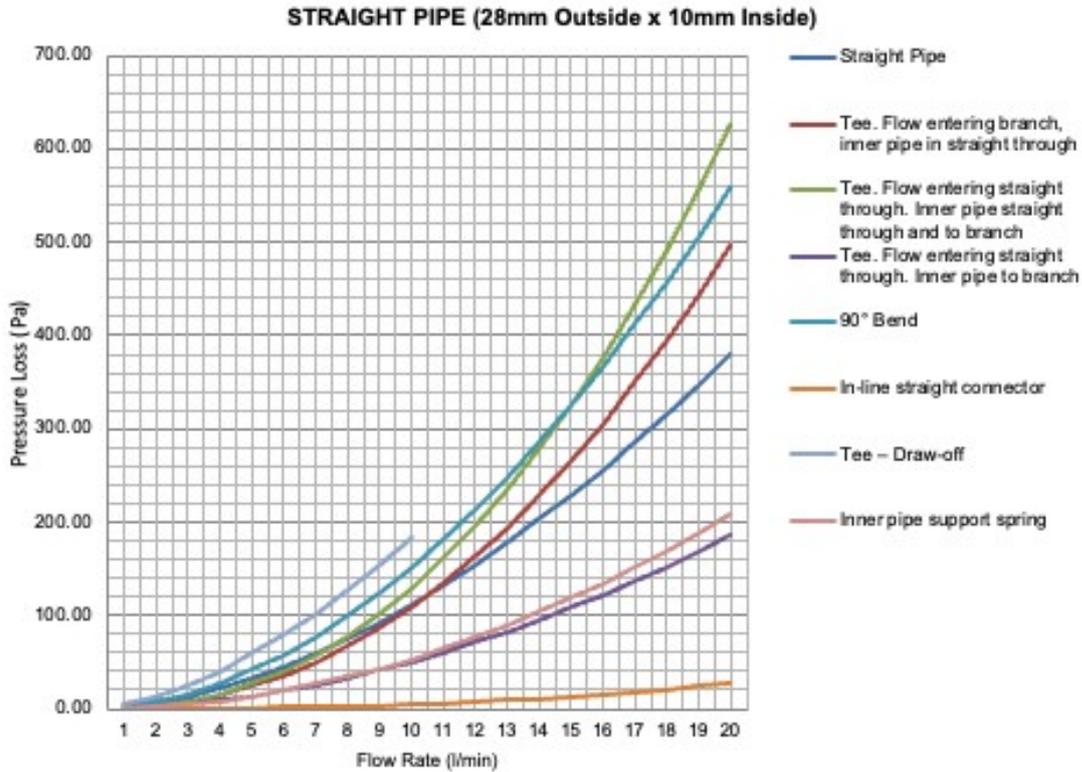
Water Kinetics – Water Pressure Chart



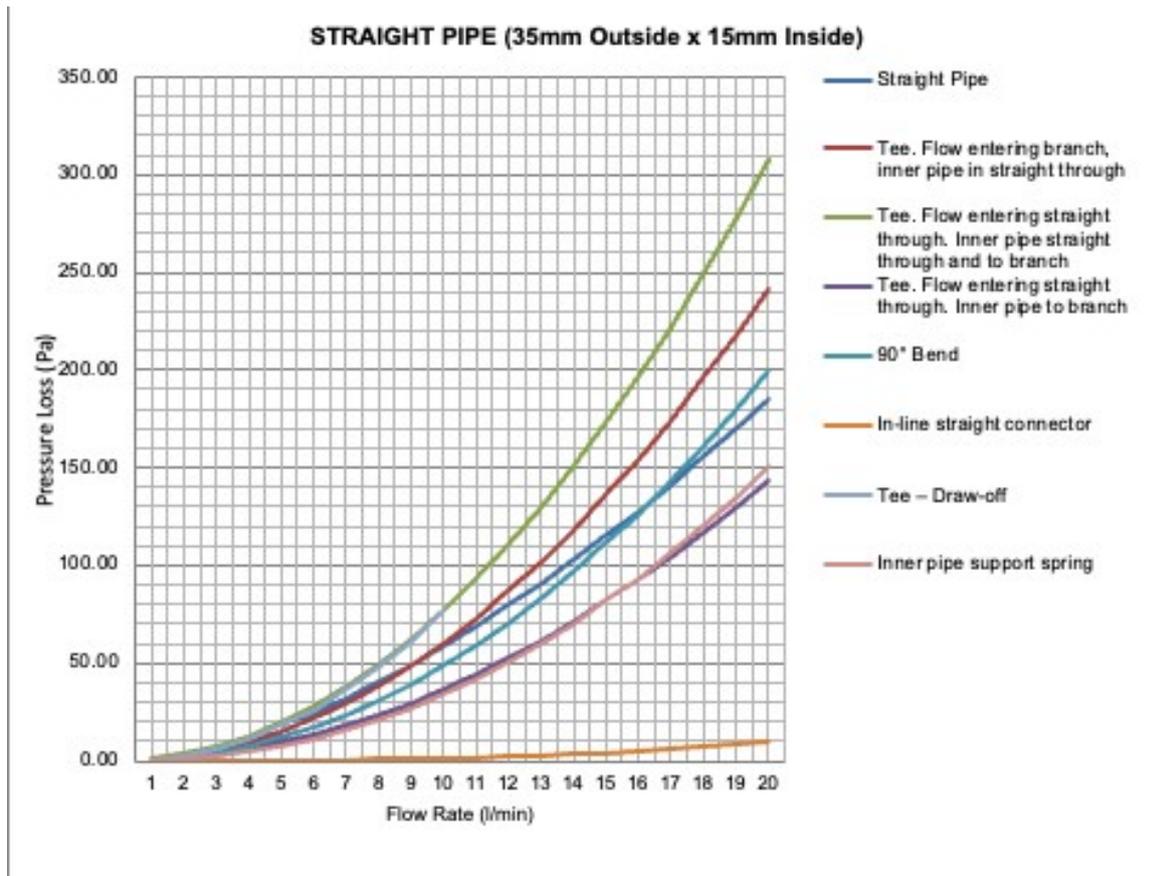
Our 15mm pipe is shown to handle 90 degree bends extremely well, only losing about 745 pascals at a rate of 8 litres per minute flowing through the system whilst also being very consistent in handling the flow through the inner pipe support spring. The tee flow at the inner pipe to branch, the inner pipe when the flow is entering straight through and to branch and the draw off points, all maintain a similar water pressure drop to each other.



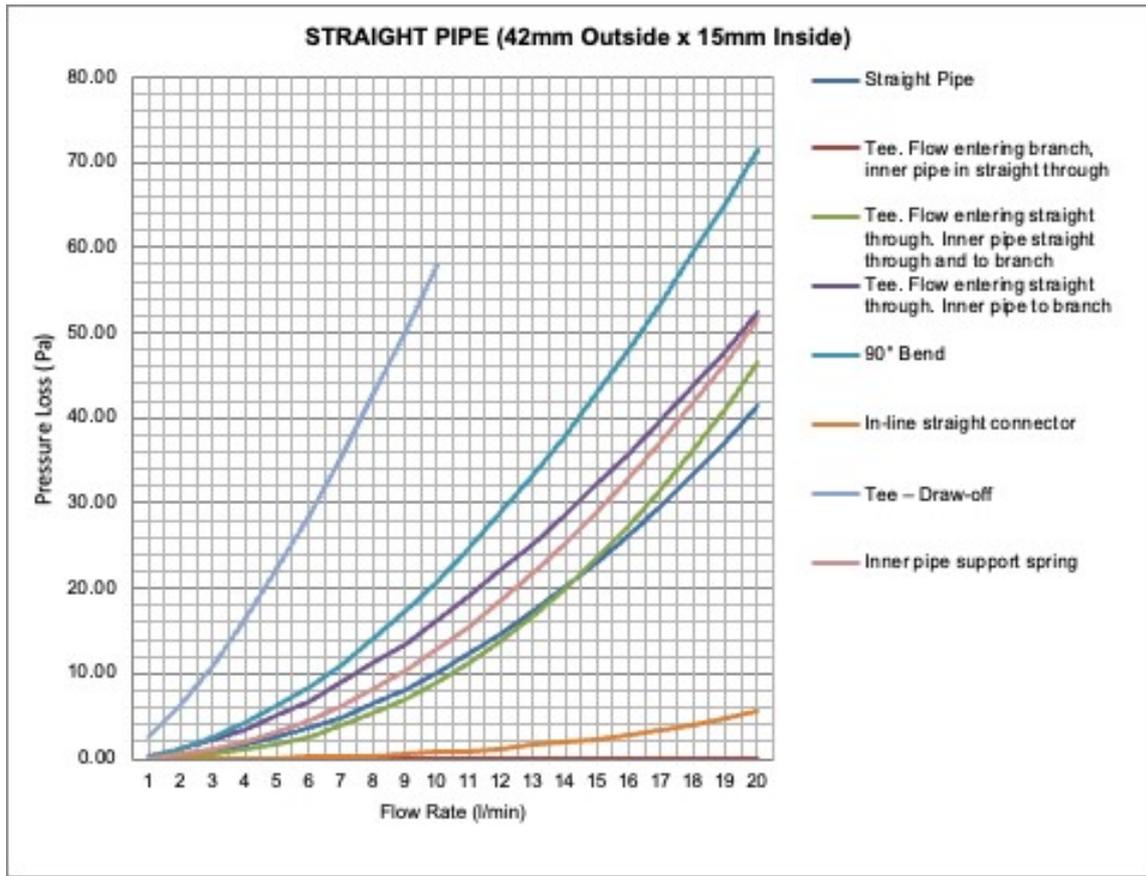
Our 22mm piping is good at handling the water pressure when sent through an in-line straight connector, only seeing a loss of 380 pascals when being challenged at a flow rate of 20 litres per minute. As well as this, our 22mm pipe shows consistent performance at holding pressure after the flow travels through the inner pipe to branch, straight pipe and the inner pipe support spring.



Like our 22mm pipe, the 28mm pipe also handles containing water pressure through the in line straight connector, only seeing a loss of 27 pascals at a flow rate of 20 litres per minute. Our piping also performs well with the inner pipe support spring and the tee flow entering straight through the inner pipe to branch, with both only losing around 190 pascals of pressure loss.



Similarly, to that of the performance of the 28mm, our 35mm pipe only sees a loss of water pressure from the in-line straight connector at 10 pascals at a flow rate of 20 litres per minute whilst also holding water pressure well with the inner pipe support spring and the tee flow entering straight through the inner pipe to branch.



Our best performing pipe size at handling water flow through the in-line straight connector, our 42mm pipe only sees a loss of 5.5 pascals when there is a flow rate of 20 litres per minute. While also seeing great performance when handling the water pressure through the straight pipe and when the tee flow is entering straight through the inner pipe to branch – only losing around 40-50 pascals of pressure loss in all these areas. Overall, our 42mm pipe is excellent at handling consistent water pressure in all areas, with its highest loss of water pressure only being around 72 pascals when coming through the 90-degree bend.