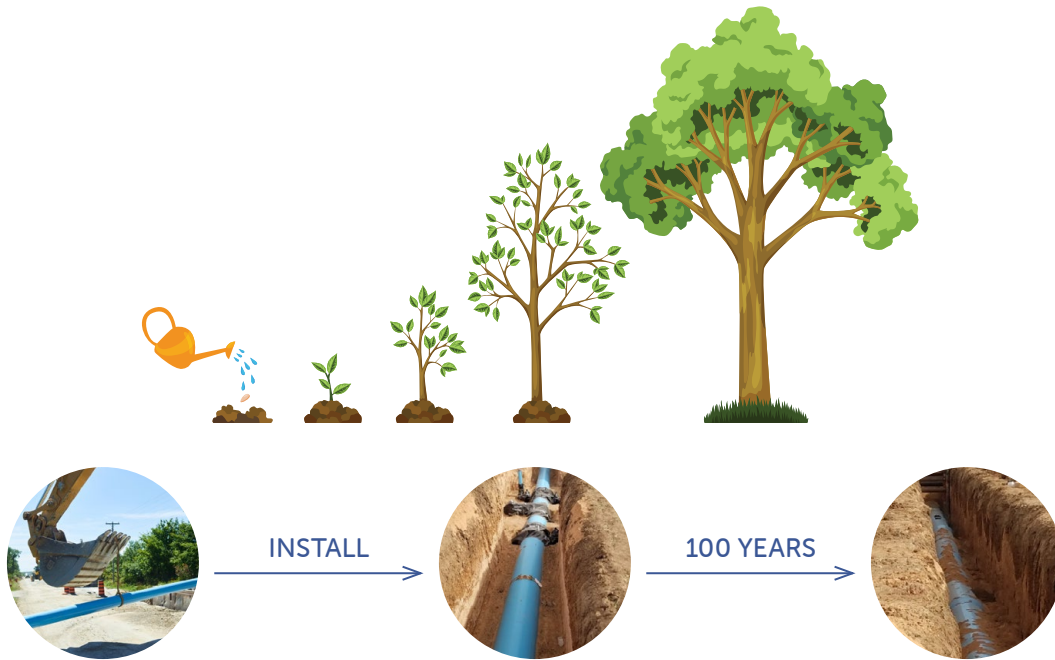


TECHNICAL BULLETIN

THE DURABILITY OF PVC PIPE: 100 YEAR LIFESPAN



According to a Utah State University report published in 2012, the average life of a water main, historically made from ductile or cast iron, steel, concrete, or asbestos cement, was 47 years. The most common reason these water mains failed is due to corrosion.

The Key Factors Behind PVC Pipes' Durability

Since plastic pipe does not contain materials that corrode, this will not cause PVC pipe to fail. Therefore, money and effort do not have to be spent on corrosion protection. Since PVC does not have corrosive materials built up inside of the pipe, the flow of pumped water through the system will not be hindered.

PVC pipes that have been in daily service for 50 years have been dug up and examined. Quantitative and qualitative tests have proved meet all applicable standards as they did at their installation, and they are expected to surpass their projected 100-year life.

To read more about the expected life of PVC pipe, please see Utah State's report "[PVC Pipe Longevity Report: Affordability and the 100+ Year Benchmark Standard](#)".