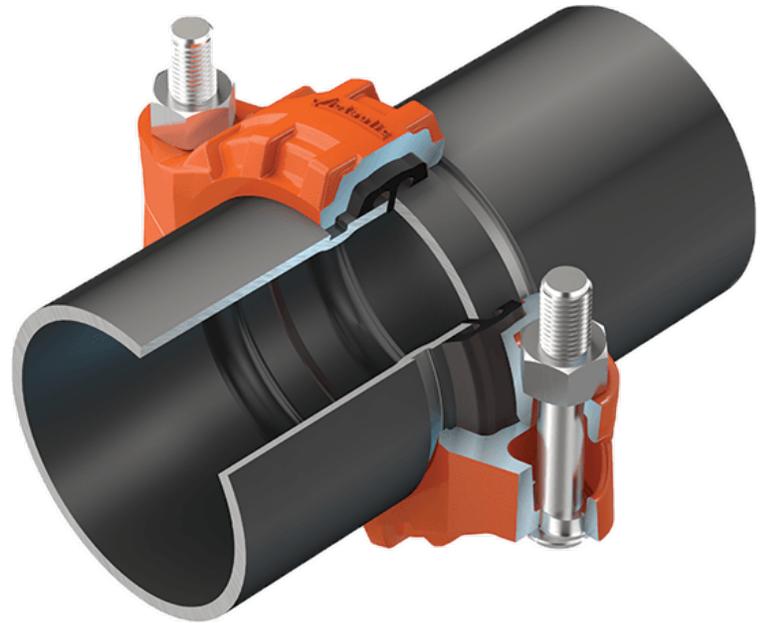




GROOVED TECHNOLOGY

The concept of grooved technology, as it is known today, was born into existence in 1919 when Ernest Tribe, a British Royal Engineers Lieutenant and Dr. Henry Selby Hele-Shaw, a renowned engineer, finalized a patent application of the invention of the grooved mechanical coupling. Originally known as *The Victory Pipe Joint Company*, Victaulic began to market this revolutionary new concept in the pipe connector industry. Nearly 100 years later this technology continues to evolve and change the way the construction industry looks at piping systems. It's simply a faster, easier and safer way to join pipe.

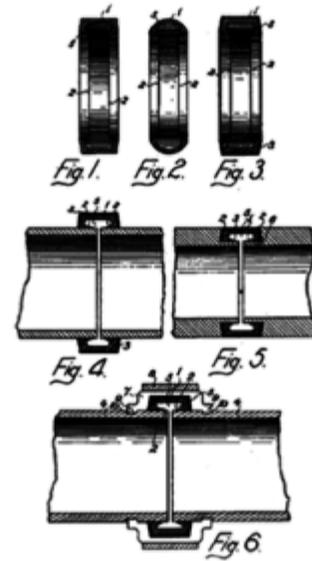


SO WHAT IS GROOVED TECHNOLOGY?

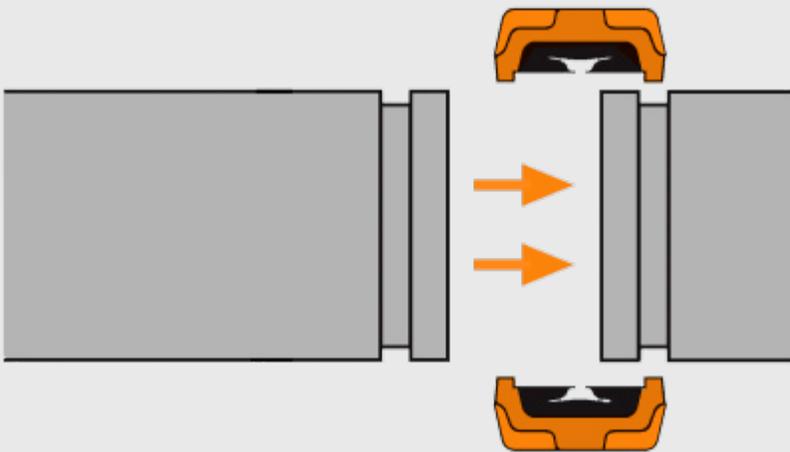
Grooved technology is the combination of four key

elements:

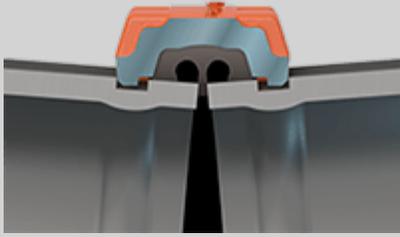
- the grooved pipe
-
- the gasket
 - the housings
 - the nuts and bolts
- These 3 components make up a grooved coupling.**



The pipe groove is made by forming or machining an actual groove into the ends of two pipes. A gasket wraps around and on top of the pipe ends, the housings wrap around the gasket and sit in the pipe grooves, and the bolts and nuts are tightened with a wrench to hold it all together.



THERE ARE TWO BASIC GROOVED COUPLING STYLES:



Flexible grooved couplings

These allow a limited amount of angular movement.

STYLE 177N QUICKVIC™ FLEXIBLE COUPLING



[MORE FLEXIBLE COUPLINGS >](#)



Rigid grooved couplings

These do not allow movement and can be used wherever immobility in the pipe joint is needed, similar to a flanged or welded joint.

STYLE 107N QUICKVIC™ RIGID COUPLING



[MORE RIGID COUPLINGS >](#)



Today grooved couplings along with grooved fittings, grooved valves and grooved accessories (such as strainers and suction diffusers) are found in a seemingly endless number of piping applications worldwide.

While the grooved pipe joining concept has become synonymous with faster and easier installations, not all manufacturers of grooved products are the same. We are unique. There is only one Victaulic for reliable, durable, precision-constructed piping systems.



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