

# Permalok® PR Joint

Commonly produced to exacting specifications of AWWA or ASTM, the Permalok® PR Joint Utilizes a precision machined negative interference fit that eliminates the need for time sensitive field-applied butt-welds on trenchless applications. The pre-installed precision joint connection, which is flush with the interior and exterior surfaces of the pipe, quickly, easily, and permanently joins each piece of steel casing pipe on a project. Its unique profile makes stabbing and aligning simple and expeditious.

The Permalok® PR joint was created specifically for pipe ramming applications. Permalok® has teamed with contractors and equipment manufacturers to address the concerns of energy transfer loss during ramming a mechanical joint that limits the reach of Permalok® legacy products to 200 foot drives. The Permalok® PR joint utilizes a proprietary negative interference fit connection to capitalize on the mechanical properties of the material to reduce energy transfer loss during ramming operations. The result is longer drives without welding, enabling teams to complete pipe ram projects faster than ever.

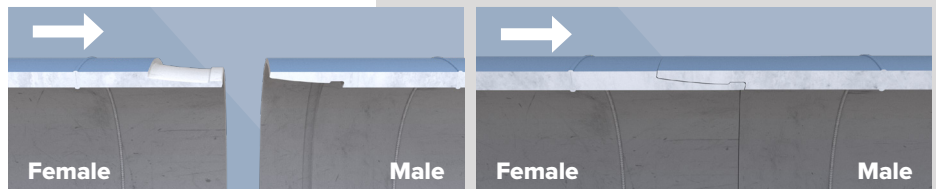
The Permalok® PR Joint's unique profile is machined to tolerances of less than +/- 0.005 of an inch, which creates a joint of consistent quality and integrity.

The Permalok® PR joint installs in reverse of traditional pipe, with the female installing over the male. Direction of Hammer is indicated on each pipe with an arrow showing the proper direction of installation. As the joint is hammered, the proprietary design of the joint tightens upon itself transferring all energy to the head of the drive allowing for longer drives with no welding required.

The Permalok® PR Joint can be installed straight on or articulated to assist in the mating process and easily connected with only the force of the hammer making it ideal for even the most challenging projects.

Available in diameters from 36" to 156" and wall thicknesses up to 2.5", Permalok can be manufactured in custom lengths to maximize the efficiency of your project.

Permalok® also offers a wide range of coatings & linings to meet the most difficult project specifications.



## Installation

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