

Permalok® AB Joint

Commonly produced to exacting specifications of AWWA or ASTM, the Permalok® AB Joint Utilizes a precision-machined interference fit that eliminates the need for time sensitive field-applied butt-welds on trenchless and open-cut 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 stepped profile makes stabbing and aligning simple and expeditious.

The AB Joint provides contractors added steerability over welded casing to make inline adjustments and successfully mitigate boring challenges to more consistently meet tight line and grade requirements. When used in conjunction with Pilot Tube installation methods, Permalok® provides measured repeatability and risk management.

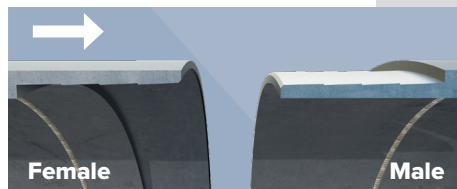
While not limited to only auger bore applications, The Permalok® AB Joint allows for a direct push installation with lower connection forces to help mitigate some of the challenges associated with auger bore and critical time path open-cut installation.

The AB Joints Unique profile is machined to tolerances of less than +/- 0.005 of an inch, which creates a joint of consistent quality and integrity.

The patented Permalok® AB Joint allows for a direct push Installation with flush ID and OD surfaces in which the auger flighting can be installed within the pipe prior to fit up increasing productivity and throughput. While not limited to only Auger Bore installations, the AB Joint has proven successful when used in critical time path open cut installations.

Building upon the proven technology of the legacy Permalok® products, the proprietary design changes of the AB Joint resulted in the reduction of connection force required to fully engage the joint by 2.5 times making this joint ideal for low resistance jacking and open cut applications.

Available in diameters from 8" 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

The Permalok® AB joint installs in reverse of traditional pipe, with the female installing over the male. Direction of push is indicated on each pipe with an arrow showing the proper direction of installation.