

GAS DISTRIBUTION SYSTEMS INTEGRITY

Raising the bar with Perfection Corporation

Perfection Corporation has been "raising the bar" for over 60 years: since it was founded in 1944 and literally since it entered gas distribution systems in 1972. Perfection Corporation manufactures fast, safe and easy connections from main to meter and from tank to house.



Perfection Corporation is a wholly-owned subsidiary of American Meter Company of Horsham, Pennsylvania and a member of the Elster Group. The companies in the Elster-Instromet Group are known worldwide for offering products of the highest quality, with superior technical performance and competitive prices.

Perfection Corporation, which has its headquarters in Madison, Ohio, is slightly different from most of the other Elster companies simply because it concentrates mainly on products that target the construction of underground gas and water distribution piping networks serving residential and/or commercial buildings.

In short, many companies in the Elster Group focus on the measurement of natural gas or water in distribution systems. Perfection Corporation's products deliver the gas or water to the Elster measurement device.

Perfection offers a complete line of gas distribution products that allow installers to make fast, easy and safe connections from "main to meter" and from "tank to house". The Permasert system of the PE piping products includes non-corrosive mechanical couplings, anodeless risers, PE valves, PermaLock mechanical tapping tees, and excess flow valves.

Perfection also makes products for the polyethylene water distribution system markets: the proven quality of gas specifications applied to water applications provides superior system integrity and performance.

Perfection Corporation started its operations in 1944 in Cleveland, Ohio, U.S.A. It was then a pipe nipple manufacturer. Today, it's a multi-faceted manufacturer of natural gas, LP gas and water distribution products. Perfection Corporation still maintains a strong customer base in the appliance manufacturing industry. A history of innovation has allowed it to make itself valuable to its customers worldwide.

In the 1950's and 1960's, Perfection entered the water heater and appliance industries and developed a strong knowledge regarding corrosion resistance as well as plastic molding and manufacturing. That knowledge helped Perfection enter the gas distribution market in the early 1970's as gas utilities began to utilize polyethylene to reduce the effects of corrosion on its underground piping network.

In 1972, Perfection determined that plastics combined with metal provided a safer, and more economical means of distributing natural gas. Our anodeless gas riser, which provides a transition from the underground PE pipe to the above-ground steel pipe and is now a common residential connection in the U.S.A., provided the first of many significant innovations in the evolution of Perfection's "Main-to-Meter" concept.

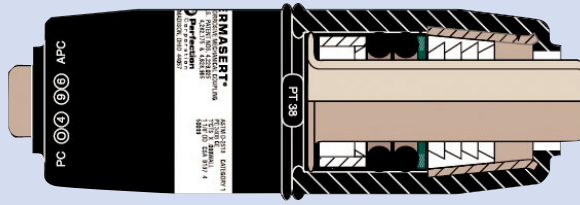
The PERMASERT® mechanical coupling was developed in 1976 and immediately changed the way US natural gas companies install service piping.



Perfection Hydrosert®: the proven quality of gas specifications for water applications

The company slogan is "From Main to Meter, It's all Perfection." This highlights their philosophy of providing the safest, easiest, and most reliable systems to connect polyethylene (PE) pipes for gas and water distribution applications. The company's primary objective is to deliver savings on total installed solutions.





Permasert® mechanical coupling cut-away

Developed in partnership with Consolidated Natural Gas, this one-piece coupling made service line installations and repairs safe, fast, and uncomplicated. Perfection expanded the PERMASERT concept to create a complete system of “pull-out proof” mechanical couplings for joining the PE natural gas piping systems at 50 to 75 percent savings in the installation costs compared with conventional fusion methods.

Fast, safe and easy pipe connection with a Permasert® mechanical coupling



Since its first introduction 30 years ago, the Permasert system has enjoyed widespread success. More than forty million Permasert couplings have been installed by over 400 utility companies and contractors throughout the world and under every imaginable set of conditions. The Permasert system consists of third-party certified and industry-approved materials. The system includes straight couplings, blind-end stubs and caps, reducers, repair couplings, 3-way tees and wyes, ells, reducing tees and ells, saddle fusion tees and Permaserts with flow limiters. Size ranges are from 20 mm through to 63 mm.



Perfection Permasert® in PE100: get connected to a better gas distribution system

Other revolutionary Perfection products making natural and LP gas distribution safer, easier, quicker and more cost efficient include: the PermaLock™ Mechanical Tapping Tee; the PSV™ Polyethylene Shut-Off Valve; Permasert XL couplings for main sizes, and a stab-type top-connected anodeless SERVI-SERT® riser. All these product lines have been developed through joint research and design teamwork with our customers.

Perfection operates vertically-integrated plants in Madison, and Geneva, Ohio, and a subsidiary company, in Solon, Ohio called H&H Engineered Molded Products, Inc.

Its capabilities include, but are not limited to, injection molding, light steel fabrication and assembly, light bending and welding operations,



Perfection Geneva facility in Ohio, USA

a full line of automated and semi-automated plastic fusion operations.

Perfection Corporation is an efficient automated manufacturer with a state-of-the-art, fully equipped and computerized testing facility for evaluating and testing products for gas and water distribution. Perfection Corporation strives to maintain its further development and to ensure its quality.

Perfection is ISO 9001-2000 certified and manages a Statistical Process Control (SPC) quality program. Its SPC program enables Perfection to intercept unacceptable variations in its manufacturing process and correct them before a defect occurs.

Men and women at Perfection are constantly exploring new product avenues to meet ever-expanding and changing markets and customer needs. They strive hard to ensure and serve your needs.

Olivier S. Braquet

obraquet@perfectioncorp.com