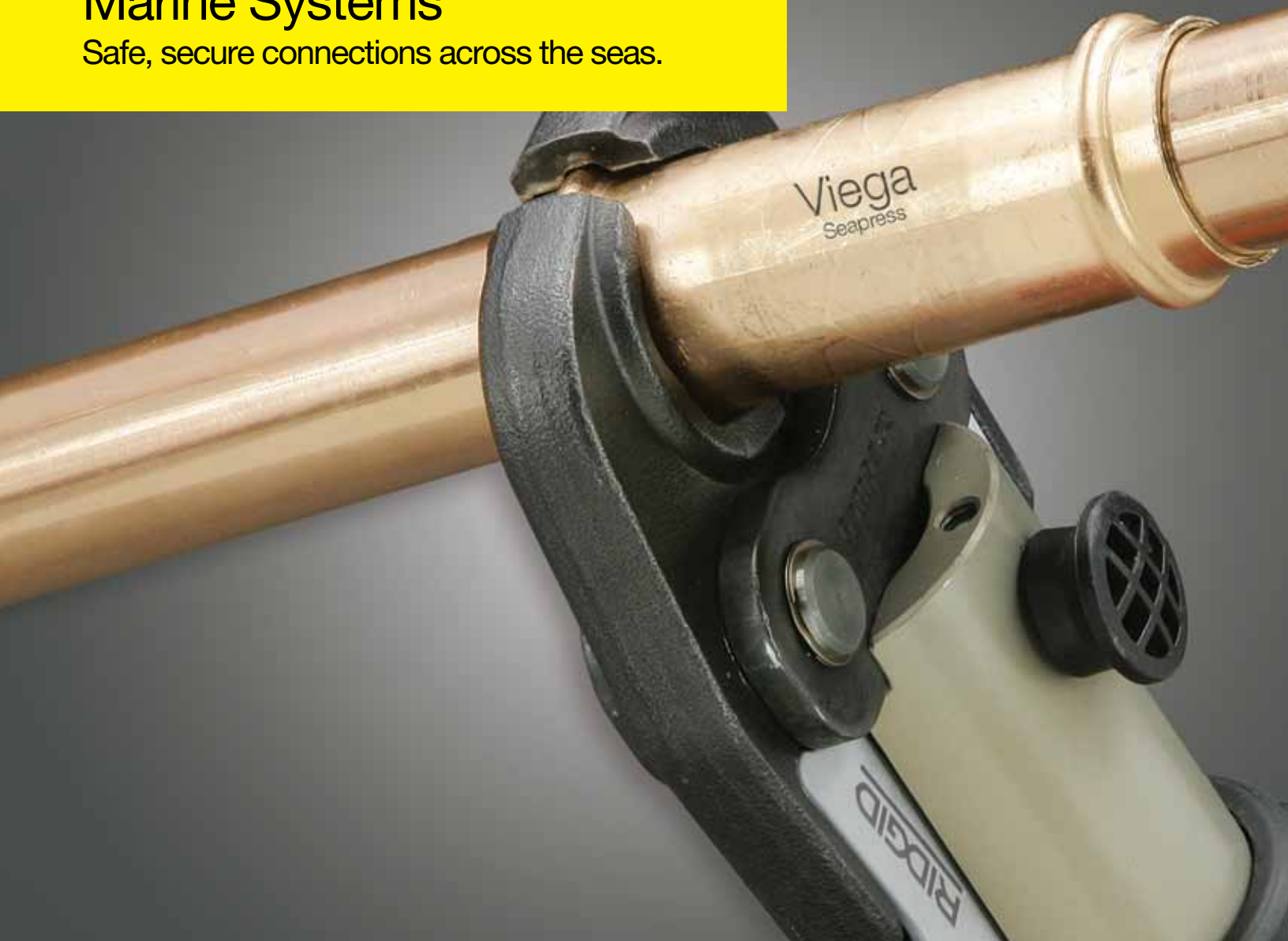


Viega ProPress® Marine Systems

Safe, secure connections across the seas.



Your connection
to innovation

viega



1899



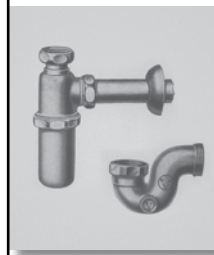
Franz-Anselm Viegner starts Viegner Co. with first brass beer tap.

1901



Viega starts manufacturing plumbing fittings.

1935



Viega adds traps and draining products for sinks and bathtubs to our lineup.

1963



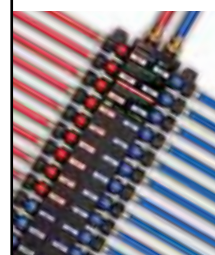
Viega starts producing copper solder fittings.

1980



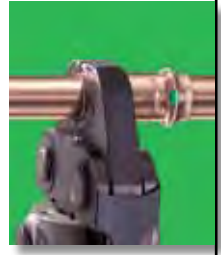
The first PEX radiant floor heating in the U.S., the ProRadiant system, is introduced.

1988



The MANABLOC water distribution manifold is introduced.

1989



Viega's press technology begins in Germany.

A heritage of better ideas since 1899

Our heritage of innovation and quality began in Attendorn, Germany in 1899 when Franz-Anselm Viegner introduced a new design in brass beer taps. By 1901, the company evolved and began

manufacturing home plumbing products. But our story, the North American story, really began in 1999, when the family-owned Viega decided to offer a selection of Viega products in the United States.

Initial product offerings in the United States consisted of PEX radiant floor heating systems. Soon after, we continued to expand our U.S. product



offerings by introducing a totally new system of ProPress fittings and valves to connect copper pipe. The new century saw rapid

growth in Viega innovations, including PureFlow — the first PEX press plumbing technology, ProPressG for solderless fuel gas applications, hybrid technology to connect copper to PEX and the Smart Connect feature to quickly identify unpressed fittings.



Viega launches the ProPress Marine System.



Viega creates hybrid technology to connect copper to PEX.



Viega stainless press technology launches in the U.S., ProPress Stainless.



Viega opens new Distribution Center in Atlanta, GA.



1996

1996

1999

2005

2007

2008

2009

2010



Production of plastic tubing, PureFlow PEX products begins.



Viega's copper press technology launches in the U.S., the ProPress System.



Viega opens new Distribution Center in Reno, NV.



Viega opens new Manufacturing and Distribution Center in McPherson, KS.

At the beginning of the new millennium, Viega enhanced its global legacy with a number of rapid product innovations. Viega launched ProPress Marine in 1996, applying flameless, weldless technology to the shipbuilding industry for secure connections in all types of systems. Viega's ProPress Marine systems, SeaPress 90/10 copper nickel system for optimum corrosion protection against sea water, Sanpress INOX and ProPress copper, have become the new

industry standard in shipbuilding technology.

Viega owns and operates three strategically located distribution centers across the United States, in Nevada, Kansas and New Hampshire. From these locations, Viega can deliver products to our customers more efficiently than ever.

From Franz-Anselm Viegenger's first product introduction in 1899,



Viega's family heritage of innovation, quality and service still flows through all of our products and the people who design, make, sell and support them. It is our heritage of better ideas that allows us to extend our reach to exceed customer expectations around the globe.





Viega, the global leader in press technology on land and at sea.

Viega products set the industry standard for press technology in marine vessels. In addition to providing millions of connections for commercial and residential buildings, Viega also offers a full line of fittings and valves designed specifically to join piping systems in yachts, commercial vessels, military vessels and oil platforms. Available in a wide variety of configurations, sizes and materials, Viega has the right pipe joining solution whether on land or at sea.



Variety and competence

Viega's portfolio includes more than 16,000 products offered worldwide, which not only represents a unique selection for the industry but also demonstrates a legacy of exceptional quality. Trained employees, superior raw materials and highly modernized production facilities work together to manufacture the best plumbing, heating and pipe-joining products in the world. Beyond producing extraordinary products, Viega also seeks to educate customers through unparalleled support in training, installation assistance and installer factory certification.



Efficiency and precision

Viega's integrated distribution process makes shipping efficient and accurate. Using an innovative logistics concept applied in our four distribution centers across the United States, all Viega products are available for selection, coding, packaging and dispatching as soon as they are ordered. Viega delivers value with the speed and accuracy that makes us the industry leader in pipe-joining technology.





Viega SeaPress CuNi 90/10 fittings

Reliability and safety at sea.

For over a century, Viega has led the industry with innovative and cost efficient technology. Today, Viega ProPress Marine systems apply that technology to the shipbuilding industry for fast, flameless and secure connections for all types of systems.

For more detail about how Viega ProPress Marine systems can reduce installation time and improve performance on your marine applications, contact Viega at 1-800-976-9819 or marine@viega.com.

Viega ProPress Marine Systems are tested and comply to IACS (International Association of Classification Societies)

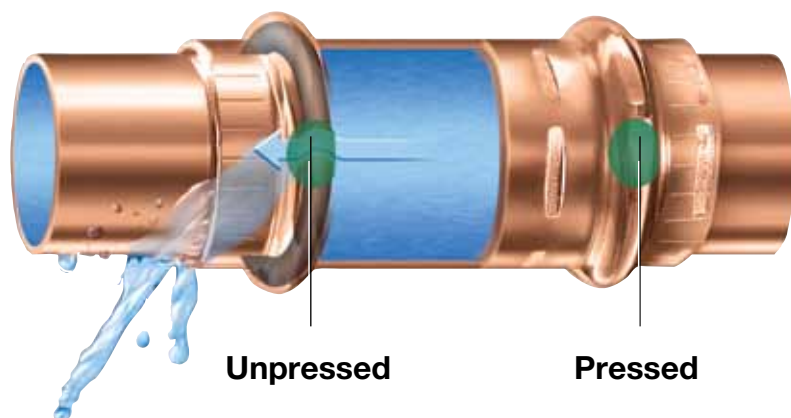




Only Viega Press fittings offer the patented Smart Connect feature.

Only Viega ProPress fittings offer the patented Smart Connect feature, a quick and easy way for installers to identify connections that need pressing. The Smart Connect feature has assured hundreds of millions of leak-free connections.

Look for the Smart Connect feature.



1 Identify an unpressed connection during pressure testing when water flows past the sealing element.

2 Upon identification, use the press, tool to press the fitting, making a permanent leak-proof connection.

3 ProPress connections are fast, flameless and reliable.



SeaPress

The Viega copper press system, SeaPress, can be used in applications where copper or stainless steel may not be ideal. Shipbuilders have relied on the proven performance of Viega SeaPress fittings. The copper nickel (CuNi90/10) material is particularly well suited for seawater systems and offers maximum corrosion protection. Viega SeaPress fittings are available in a wide variety of sizes with flange and threaded adapters available to easily transition to imperial and metric sizes. SeaPress is the only copper nickel fitting with a double press connection.



ProPress and ProfiPress

Viega copper press systems, ProPress and ProfiPress have become the world standard in quick, reliable connections for copper tubing. ProPress copper fittings and valves are available in a wide variety of configurations and sizes from 1/2"-to-4" and 12-to-108 mm.



ProPress Stainless and Sanpress INOX

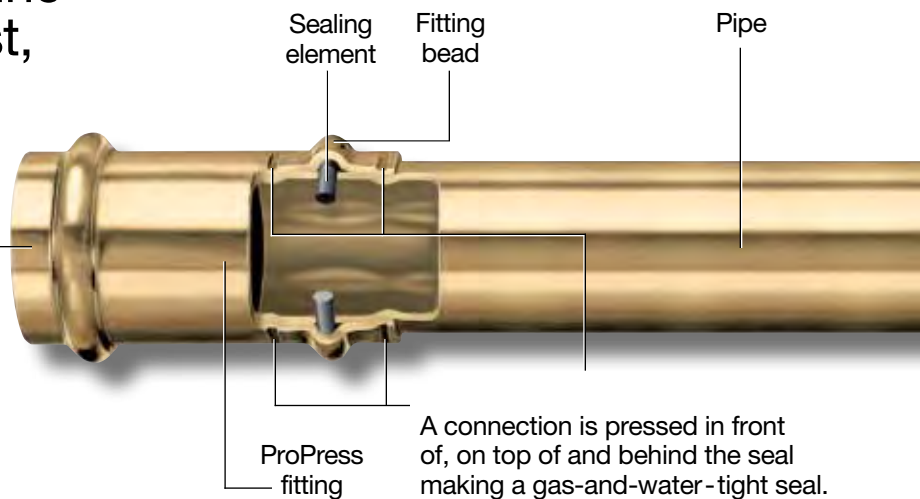
Viega stainless steel press systems, ProPress Stainless and Sanpress INOX, are ideal for potable water, compressed air and other applications where corrosion protection is required. ProPress Stainless is available in 316 alloy with seals for a variety of applications. Stainless steel fittings are available from 1/2"-to-4" and 12-to-108 mm.



Viega ProPress Marine Systems...the fastest, most reliable fittings in any size.

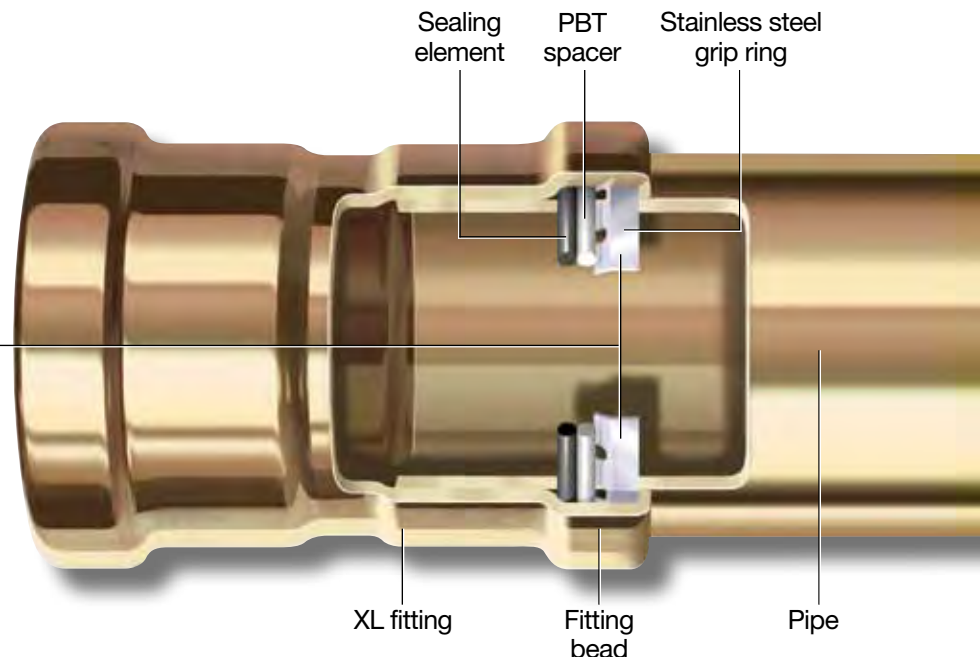
1/2"-to-2" and 12mm-to-54mm fittings.

An unpressed connection allows liquids and/or air to pass by the sealing element during pressure test.



2-1/2"-to-4" and 76.1mm-to-108mm fittings.

The stainless steel grip ring is pressed on top, forcing the grip ring teeth against the pipe, making a high-strength connection.



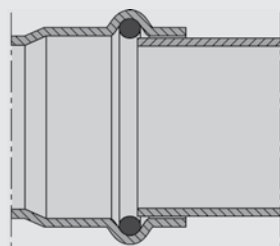
Safety from the start

To protect the high-quality sealing elements from damage during assembly, all Viega ProPress fittings have cylindrical pipe guides (1) which, together with double pressing, provide additional safety. Connectors that do not have cylindrical pipe guides risk damaging the sealing element (2).

Doubly Secure Connections with Viega

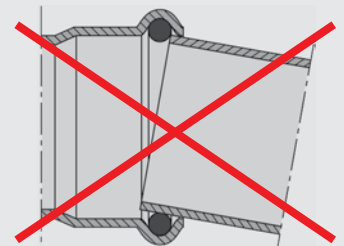
Viega sealing elements make connections doubly secure because the press tools press twice in one step, once before the fitting bead and once after. This provides a long-lasting connection, torsion safe and force locked.

1



Viega ProPress with cylindrical pipe guides

2



Press fitting without cylindrical pipe guides

Viega offers a variety of marine system and application solutions.

Viega is the superior choice for shipboard systems. ProPress Marine, in copper, stainless and copper nickel in any size or configuration, is durable and performs in the harsh environments of the open sea.

ProPress and SanPress INOX are best suited for fresh water systems, while copper nickel SeaPress is specifically designed to stand up against sea water. ProPress, SanPress INOX and SeaPress can be used effectively in compressed air

systems as well as flammable fluids and other critical marine systems.

By combining different materials and sealing elements, Viega systems can be customized to suit most shipbuilding applications.



| Viega Press Systems | CuNiFe Press System | Copper Press System | Stainless Steel Press System |
|---------------------------|---------------------|---------------------|------------------------------|
| | SeaPress | ProPress | ProPress Stainless |
| | | Profipress | Sanpress INOX |
| Fresh Water | | | |
| Cooling water system | X | X | X |
| Fire main and water spray | X | X | X |
| Sprinkler system | X | X | X |
| Hot/Cold Potable water | X | X | X |
| Sea Water | | | |
| Bilge lines | X | | |
| Fire main and water spray | X | | |
| Foam system | X | | |
| Sprinkler system | X | | |
| Ballast system | X | | |
| Cooling water systems | X | | |
| tank cleaning services | X | | |
| non-essential systems | X | | |
| Flammable fluids* | | | |
| Cargo oil lines | X | X | X |
| Fuel oil lines | X | X | X |
| Lubricating oil lines | X | X | X |
| Hydraulic oil | X | X | X |
| Miscellaneous | | | |
| Domestic Heating | X | X | X |
| Compressed Air system | X | X | X |
| Condensate return | X | | X |

*Flammable fluid applications require a sealing element charge.
Please contact marine@viega.com for specific information on applications.



Photo courtesy of Westport Shipyard

Viega ProPress Systems offers the right tools and jaws for any pressing application.

Together, Viega fittings and RIDGID tools have revolutionized the shipbuilding industry with fast, flameless, weldless press technology. The tools, jaws, actuators and rings are manufactured and tested with the Viega fittings to make a secure connection every time. Advanced press technology include features like the new 180 degree swivel for all fitting sizes, making it even easier to press in tight spaces. Viega's innovation and quality makes ProPress the premier press system for new marine construction and repair around the world.



Patented 180 degree swivel now available for fittings and valves.

- Ball-tip actuator swivels 180 degrees with pressing rings.
- Same tools and jaws for copper, copper nickel and stainless steel fittings.
- Metric and standard jaws work with same tool.
- Provides increased flexibility in tight spaces.
- Over 20 percent reduction in actuator jaw weight for easier handling and comfort.
- Exclusive identification clip to quickly identify the proper actuator jaw.

Viega

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