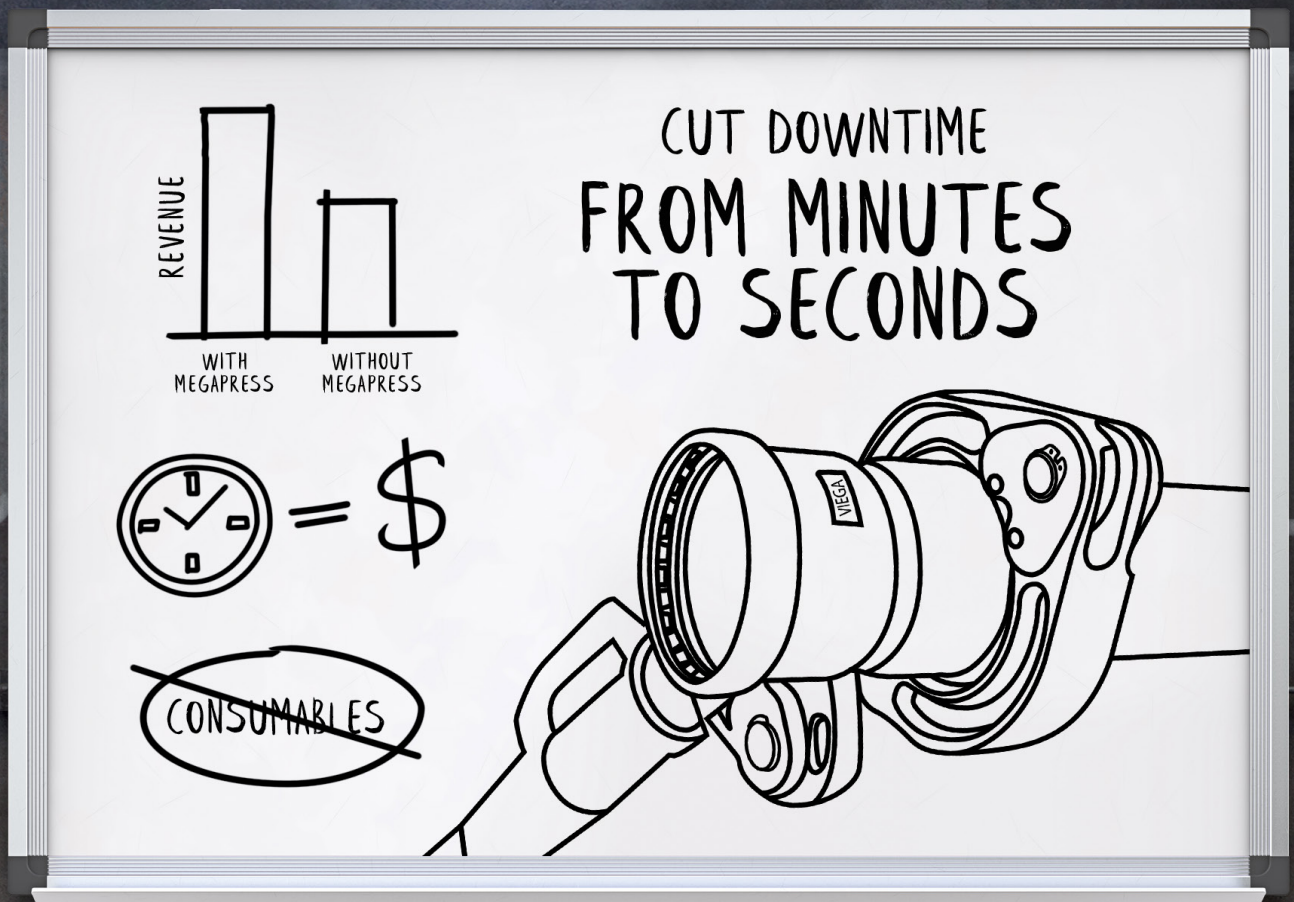


Viega MegaPress® Stainless and Stainless XL®

Time for a little speed reading



MegaPress
STAINLESS XL



Viega MegaPress Stainless and Stainless

FASTER PIPE CONNECTIONS KEEP REVENUE FLOWING



GET IT DONE. UP TO 90% FASTER. CLEANER. SAFER.

In manufacturing or processing operations, periodic renovation or repair to stainless steel piping systems often requires production downtime, which can result in major revenue loss.



Welding, threading and grooving are three accepted ways to join pipe and fittings, but with time-consuming processes and precautions, these are likely to extend downtime significantly. There is a better way.

For new construction, renovation and repair work, Viega MegaPress fittings deliver up to 90% installation time savings compared to welding and threading. MegaPress Stainless will minimize downtime on MRO projects and keep new projects on schedule.



MegaPress fittings for IPS stainless steel pipe are available in sizes from 1/2" to 2", and in XL sizes from 2 1/2" to 4"



Viega MegaPress Stainless and Stainless XL

UP TO 90%
FASTER WITH
NO SPARKS
AND NO MESS

Using a tool and press jaws specifically designed for Viega MegaPress IPS fittings, one person can easily make connections, significantly reducing time and labor. Just cut, properly prepare and mark the pipe, insert the fitting, apply the jaws and pull the trigger. In a matter of seconds, the connection is complete. With Viega press fitting technology, the work is done in a fraction of the time, dramatically reducing the potential for downtime and lost revenue.



Welding

Welding requires a skilled specialist with heavy-duty equipment. For safety, fire watches and hot work permits are often needed. Welding may also require the additional material and expense of filler metal to ensure a solid connection. In many settings, the open arc requires other special precautions to protect both people and processes.

Threading

Pipe threading is very time and labor intensive. Pipe ends must be reamed, threaded and finished off with thread sealant. And, because of the space required for equipment and the risk of contamination by cutting oil or filings, threading often must be done in a remote area and brought to the installation site.

Viega Press Technology

Viega's flame-free technology is safe in any environment. And quality is assured because patented Smart Connect® technology makes it easy to identify any connection that has been left unpressed. When system maintenance is required, Viega MegaPress Stainless is the safest, neatest and fastest way to get production back online and keep revenue flowing.

THE ORIGINAL PRESS FITTING TECHNOLOGY

Viega is the leading innovator in press fitting technology, with millions of MegaPress and ProPress fittings installed worldwide in residential, commercial and industrial applications. Compared to any other pipe joining system, Viega fittings make it easier to keep projects on time and on budget.

Grip ring and separator ring ensure a strong connection and protect the sealing element from abrasion.

304 and 316 stainless steel casings available for use with off-the shelf stainless pipe.

MegaPress Stainless fittings work with existing MegaPress jaws and ring sets. Visit Viega.US for more in-depth information on tools and fittings.



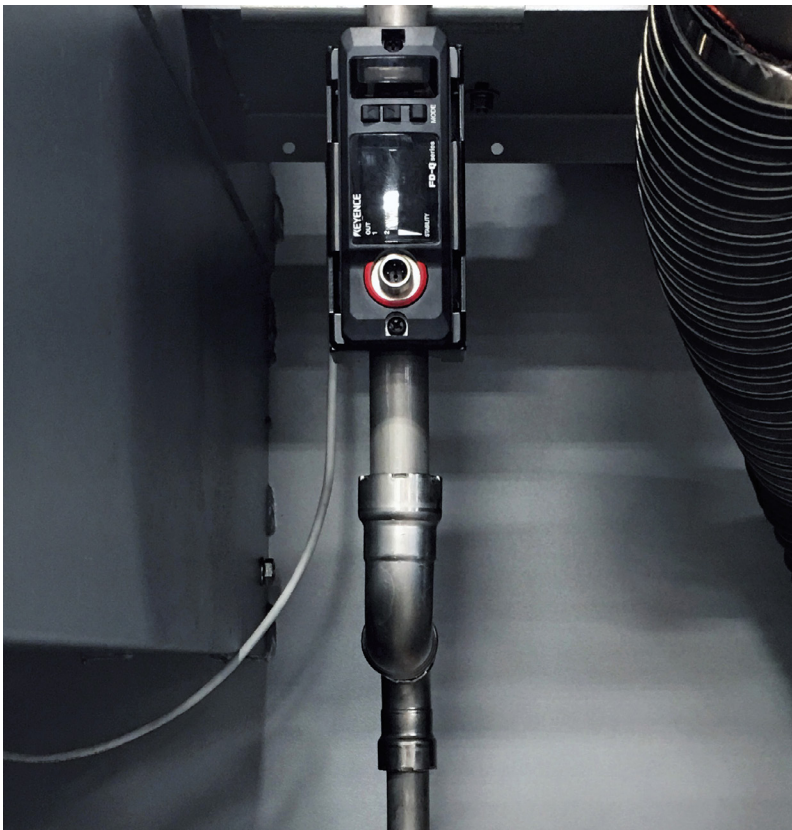
Sealing elements: FKM standard on 304 stainless fittings. EPDM standard on 316 stainless fittings.

Smart Connect® technology helps easily identify unpressed connections during pressure testing.



Viega MegaPress Stainless and Stainless XL

A SOLUTION FOR CORROSIVE CHEMICALS



In Lewiston, Idaho, Mike's Mechanical installed MegaPress Stainless fittings in a high-tech facility manufacturing circuit boards for a broad range of products. During production, the boards are cleaned using high heat and corrosive chemicals, so the use of stainless steel pipe and fittings was essential.

Installing the specialized cleaning station required about 2,000 feet of stainless pipe and over 150 MegaPress Stainless 316 fittings. In addition to high

confidence that Viega stainless fittings with EPDM sealing elements could handle corrosive usage, Mike's Mechanical foreman Blake Bunney cited other advantages of the Viega system compared to threading.

Making any kind of a mess was a no-go because of the delicate nature of the circuit boards. Any foreign contaminants such as threading oil wouldn't be allowed. In addition, threading increases installation

time for every fitting and joint, and perfect threading on stainless steel is very hard to achieve. By comparison, Bunney had high praise for the simplicity, neatness and speed of the MegaPress process.

According to Bunney, “The product is super clean and so we can do it all inside the building.

With threading, you have oils. With Viega you don’t have to worry about that. And MegaPress fittings are plug and play. We could prefab and dry-fit everything together. We came out ahead on cost and labor savings, and the cleanliness of it all really saved time. Most important, for peace of mind for our client, MegaPress was the best choice.”

“ WITH THE VIEGA PRESS FITTINGS WE COULD PREFAB AND DRY-FIT EVERYTHING TOGETHER. ”

-Blake Bunney, foreman, Mike’s Mechanical



Types of Service	System Operating Conditions			MegaPress Stainless	
	Comments	Pressure	Temp.	304 FKM	316 EPDM
Fluids/Water					
Hot and Cold Potable Water		200 PSI	32°F–250°F		•
Fire Sprinkler		175 PSI	Note 3	○	•
Chilled Water	Ethylene Glycol/Propylene Glycol	200 PSI	Note 3	○	•
Hydronic Heating	Ethylene Glycol/Propylene Glycol	200 PSI	Note 3	○	•
Cooling Water	Up to 50% Ethylene Glycol or Propylene Glycol solution	200 PSI	Note 3	○	•
Deionized Water		200 PSI	158°F		•
Low-Pressure Steam		Up to 15 PSI	250°F	○	•
Isopropyl Alcohol		200 PSI	75°F		•
Nitric Acid	10%	200 PSI	73°F	○	•
Phosphoric Acid	25%	200 PSI	Ambient		•
Paraffin Wax		200 PSI	100°F	○	

Fuel, Oil and Lubricant

Heating Fuel Oil		125 PSI	Note 3	○	
Diesel Fuel		125 PSI	Note 3	○	
Ethanol	Pure Grain Alcohol	200 PSI	Note 3		•
Kerosene		Note 3	68°F	○	
Lube Oil	Petroleum Based	200 PSI	Note 3	○	

Gases

Compressed Air	Less than 25 mg/m ³ oil content	200 PSI	Note 3	○	•
Compressed Air	More than 25 mg/m ³ oil content	200 PSI	Note 3	○	
Oxygen – O ₂ (non-medical)	Keep oil and fat free/non-liquid O ₂		Up to 140°F		•
Nitrogen – N ₂		200 PSI	Note 3	○	•
Ammonia	Anhydrous	200 PSI	122°F		•
Acetylene		200 PSI	86°F	○	•
Hydrogen – H ₂		125 PSI	0°F–250°F		•
Vacuum		29.2 inch Hg	Note 3	○	•

1. All systems are recommended to be clearly labeled with the fluid or gas being conveyed. For further information, please consult Viega Technical Services.
2. All Viega systems must be used with the manufacturer's recommended sealing element.
Contact your local Viega representative or Viega Technical Services for application temperature, pressure and concentration limits.
3. System pressure and temperature ranges depend on sealing element.

This document is subject to updates. For the most current Viega literature, please visit www.viega.us.

- A green dot on a Viega ProPress, MegaPress and PEX Press polymer fitting indicates the Smart Connect feature with an EPDM sealing element.
- A white dot on a Viega ProPress, MegaPress and PEX Press polymer fitting indicates the Smart Connect feature with an FKM sealing element.

For a current list of applications, please visit www.viega.us/applications.

Viega LLC

585 Interlocken Blvd
Broomfield, CO 80021
USA

phone: 800-976-9819

email: insidesales@viega.us

web: viega.us/mpstainless

