

MegaPress® Stainless and Stainless XL®

Stainless steel press system for
IPS pipe in sizes ½" to 4"



For new construction, renovation and repair work, Viega MegaPress fittings for IPS stainless steel deliver up to 90% savings on installation time, compared to welding and other conventional joining methods. New XL sizes from 2 ½" to 4" utilize the same tooling as other MegaPress XL products. MegaPress Stainless press fittings will minimize downtime on MRO projects and keep new projects on schedule.

MegaPress Stainless for IPS

- Available in 304 and 316 stainless steel
 - 304 fittings feature FKM sealing elements
 - 316 fittings feature EPDM sealing elements
 - Fitting sizes ranging from ½" to 4"
 - ½" to 2" fittings approved for use with Schedule 5 to Schedule 40 pipe
 - 2 ½" to 4" fittings approved for use with Schedule 10 to Schedule 40 pipe
 - Viega Smart Connect® technology helps easily identify unpressed connections
 - Cold press technology eliminates the need for fire watches or hot work permits
 - No contamination caused by thread cutting oil or filings
 - System-matched installation tools, jaw and press rings
- Approvals:
 - NSF 61/372 (316 fittings only)
 - TSSA ASME B31
 - UL 213 for ½" to 2" fittings
 - IAPMO PS-117 for ½" to 2" fittings
 - ICC LC 1002
 - Pending approvals:
 - FM Class 1920
 - UL 213 for 2 ½" to 4" fittings
 - IAPMO PS-117 for 2 ½" to 4" fittings

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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		•
Parrafin 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.

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