Viega MegaPress® Stainless

The speed and ease of press fittings for IPS stainless steel pipe.

For new construction, renovation and repair work in commercial/industrial applications, Viega MegaPress fittings for IPS stainless steel expand the range of options to reduce installation time by 50%-90% compared to welding or threading. It helps keep projects on time and on budget, and greatly reduces the potential for production downtime in industrial Maintenance, Repair and Operations applications.

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 1/2" to 2"
- Approved for use with Schedule 10 and Schedule 40 pipe
- Viega Smart Connect® feature makes unpressed fittings easy to detect during pressure testing
- No risk of fire or smoke and no cool-down required, so fire watches or hot work permits are not needed
- No contamination caused by thread cutting oil or filings
- System-matched installation tools, jaw and press rings
- ASME approvals: B31.1, B31.3, B31.9
- Pending approvals:
  - NSF 61 Annex-G (Zero Lead Components)
  - FM 1920
  - UL 213
  - IAPMO PS-117
  - ICC LC 1002
- Planned approvals:
  - ABS
  - Coast Guard
  - GL/DNV
  - LR

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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	248°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 – O2 (non-medical)	Keep oil and fat free/non-liquid O2	140 PSI	Up to 140°F		•
Nitrogen – N2		200 PSI	Note 3	○	•
Ammonia	Anhydrous	200 PSI	122°F	○	
Acetylene		200 PSI	86°F	○	•
Hydrogen – H2		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 yellow dot • on a Viega ProPressG and MegaPressG fitting indicates the Smart Connect feature with an HNBR sealing element.
A white dot ○ on a Viega ProPress (304 FKM) 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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