

# Approved Applications

Types of Service	System Operating Conditions			ProPress 304 Stainless	ProPress 316 Stainless	ProPress	ProPressG	MegaPress	MegaPressG	Viega PureFlow Press
	Comments	Pressure	Temperature	FKM	EPDM	EPDM	HNBR	EPDM	HNBR	Polymer
<b>Fluids/Water</b>										
Hot and Cold Potable Water		200 PSI	Note 3		√	√				√
Rainwater/ Gray Water		200 PSI	Note 3		√	√	√			√
Fire Sprinkler	NFPA 13, 13D, 13R	175 PSI	Ambient	√		√		√		
	NFPA 13D	130 PSI	Ambient							√
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		√					
Latex Paint		200 PSI	32°F-250°F		√					
Methyl Ethyl Ketone		200 PSI	100°F		√					
Nitric Acid	10%	200 PSI	73°F	√	√					
Phosphoric Acid	25%	200 PSI	Ambient		√					
Paraffin Wax		200 PSI	100°F	√						
<b>Fuel, Oil and Lubricant</b>										
Heating Fuel Oil		125 PSI	Note 3	√				√		√
Diesel Fuel		125 PSI	Note 3	√				√		√
Ethanol	Pure Grain Alcohol	200 PSI	Note 3		√	√				
Propane	Compliant with CSA LC4	125 PSI	-40°F-180°F					√		√
Butane	Compliant with CSA LC4	125 PSI	-40°F-180°F					√		√
Kerosene		Note 3	68°F	√				√		√
Lube Oil	Petroleum Based	200 PSI	Note 3	√				√		√
<b>Gases</b>										
Compressed Air	Less than 25mg/m <sup>3</sup> oil content	200 PSI	Note 3	√	√	√	√	√	√	√
Compressed Air	More than 25mg/m <sup>3</sup> oil content	200 PSI	Note 3	√				√		√
Natural Gas	Compliant with CSA LC4	125 PSI	-40°F-180°F					√		√
Oxygen - O <sub>2</sub> (nonmedical)	Keep oil and fat free / non-liquid O <sub>2</sub>	140 PSI	Up to 140°F		√	√	√	√	√	√
Nitrogen - N <sub>2</sub>		200 PSI	Note 3	√	√	√	√	√	√	√
Carbon Dioxide - CO <sub>2</sub>		200 PSI	Note 3			√	√	√	√	√
Ammonia	Anhydrous	200 PSI	122°F		√					
Acetylene		200 PSI	86°F	√	√					
Argon	Welding Use	200 PSI	Ambient		√	√	√	√	√	√
Hydrogen - H <sub>2</sub>		125 PSI	0°F-250°F		√	√	√	√		
Vacuum		29.2 in 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.