YEAGER SUPPLY, INC.
Industrial Piping Supplies

viega

PRESS TECHNOLOGY

Viega ProPress® 316 Stainless Steel Zero Lead
- Sizes ½" to 4"
- Tubing, Elbows, Tees, Adapters, Flanges, Caps, Unions, Couplings, Reducers, Sealing Elements,Gaskets, Accessories and more

Approved over 400 different applications like:
- Hot & cold potable water
- Rainwater/gray water
- Fire sprinkler
- Chilled water
- Hydronic heating
- Compressed air
- Low-pressure steam
- Vacuum
- Stainless is also ideal for corrosive environments

Viega ProPress® Copper Fittings
- Sizes ½" to 4"

VIEGA MegaPress®G
- Sizes ½" to 4" standard

Applications
- Natural gas, liquid, propane diesel fuel, compressed air & vacuum

VIEGA MegaPress®
- Sizes ½" to 4" standard

Applications
- Compressed air, chilled water, hydronic heating, fire protection, solar, low pressure steam & industrial
- Joins 60-90% quicker compared to threading & welding

Sealing Elements
- MegaPressG yellow dot indicates an HNBR seal
- MegaPress green dot indicates an EPDM seal
- MegaPress 2½" to 4" white dot indicates an FKM seal

YEAGER SUPPLY, INC.
Industrial Piping Supplies
READING OFFICE/WAREHOUSE:
1440 N. 6th St., Reading, PA 19601

ALLENTOWN SALES AREA
610-398-8300
800-521-4729
610-398-7400

LITITZ SALES AREA
717-560-1020
800-222-1967
717-560-1030

READING SALES AREA
610-376-8037
800-422-8140
610-376-3465

WILKES-BARRE SALES AREA
570-824-8400
800-832-2216
570-824-8464

COUNTER & CURBSIDE/ORDER PICK-UPS READING LOCATION ONLY!

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PRESS TECHNOLOGY

Metals Systems

Media[1]	System Operating Conditions			Product Line, Material, and Sealing Element[2]								
				ProPress			ProPress and MegaPress Stainless			MegaPress		MegaPressG
				Copper			304	316		Carbon Steel		
	Comments	Max Pressure (psig)	Temperature Range (°F)	EPDM	FKM	HNBR	FKM	EPDM	FKM	EPDM	FKM	HNBR
Water/Liquids												
Hot and Cold Potable Water	Test pressure 600 psi	300 ProPress Copper 250 ProPress Valves 200 ProPress Stainless and all MegaPress	See note [3]	✓				✓				
Rainwater / Graywater				✓	✓		✓	✓	✓			
Chilled Water	≤50% Ethylene / Propylene glycol			✓	✓		✓	✓	✓	✓	✓	
Hydronic Heating Water	≤50% Ethylene / Propylene glycol			✓	✓		✓	✓	✓	✓	✓	
Treated Water	Fully desalinated, deionized, demineralized, distilled (open system)		32° to 250°				✓	✓	✓			
Reverse Osmosis Water	<1 MΩ						✓	✓	✓			
Paraffin Wax		200	Max 100°				✓		✓			
Methyl Ethyl Ketone								✓				
Isopropyl Alcohol			Ambient[5]				✓	✓	✓	✓	✓	
Nitric Acid	Concentration ≤10%						✓	✓	✓			
Phosphoric Acid	Concentration ≤25%							✓	✓			
Fire Sprinkler	NFPA 13, 13D, 13R	175		✓			✓	✓	✓	✓	✓	
Steam	Low-pressure	15	Max 250°		✓[4]		✓[4]		✓[4]		✓[4]	
	Residential	5	Max 227°	✓[4]	✓[4]		✓[4]	✓[4]	✓[4]	✓[4]	✓[4]	
Fuels/Oils/Lubricants												
Ethanol	Pure grain alcohol	200	Ambient[5]	✓				✓				
Mineral Oil							✓		✓		✓	✓
Lube Oil	Petroleum based		Max 150°			✓	✓		✓		✓	✓
Biodiesel	ASTM D6751	140							✓		✓	
Propane		125	-40° to 160°									✓[6]
Butane												✓[6]
Natural Gas	Primarily methane											✓[6]
Heating Fuel Oil			Max 100°			✓	✓		✓		✓	✓
Diesel Fuel						✓	✓		✓		✓	✓
Kerosene			Max 68°				✓		✓		✓	
Gases												
Compressed Air	Oil Concentration ≤25 mg/m³	200	Max 140°	✓	✓	✓	✓	✓	✓	✓[4]	✓[4]	✓[4]
	Oil Concentration >25 mg/m³				✓	✓	✓		✓		✓[4]	✓[4]
Nitrogen - N_2				✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbon Dioxide - CO_2	Dry			✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbon Monoxide - CO				✓	✓	✓						
Argon - Ar				✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia	Anhydrous		Max 120°					✓				
	Ammonia environment[7]			✓	✓	✓	✓	✓	✓	✓	✓	✓
Oxygen - O_2	Non-medical Keep free of oil and grease	140	Max 140°	✓				✓		✓		
Hydrogen - H_2		125		✓	✓	✓	✓	✓	✓	✓	✓	✓
Acetylene	Test pressure 350 psi	20	Ambient[5]				✓	✓	✓	✓	✓	✓
Vacuum	Minimum absolute pressure Maximum differential pressure	750µm Hg 29.2" Hg	Max 160°	✓	✓	✓	✓	✓	✓	✓	✓	✓
Special Media												
Methanol		200	75°					✓				
Latex Paint			32° to 250°					✓	✓			
Urea Solution	Concentration ≤40%	140	100°					✓				
Caustic Soda	Concentration ≤50%		140°					✓				
Acetone	Liquid	70	-14° to 104°	✓				✓				

[1] It is recommended that all systems be clearly labeled with the media 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 specific application temperature, pressure, and concentration limits.
[3] System pressure and temperature ranges depend on sealing element. Any ranges listed above will be overruled by the sealing element limits here:
[3a] EPDM temperature ranges are typically 0°F to 250°F.
[3b] FKM temperature ranges are typically 14°F to 284°F with temperature spikes (24 hours) up to 356°F.
[3c] HNBR temperature ranges are typically -40°F to 180°F.
[4] System must contain adequate condensate drainage.
[5] Ambient temperatures should be taken as normal operating conditions for the applications not to exceed sealing element limitations.
[6] Compliant with CSA 6.32 / ANSI LC-4.
[7] All copper or copper alloy components that are exposed in ammonia environments require lacquer or paint coating.
[8] Tubing with oxygen barrier should be used for systems with ferrous components.