

COMMONLY APPROVED APPLICATIONS

					Product Line, Material, and Sealing Element ²								
Media ¹	System Operating Conditions			ProPress			MegaPress ProPress and Stainless MegaPress Stainless		Mega	MegaPress Mega			
				Copper			304			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	See note ³	1				1					
Rainwater / Graywater				1	1		1	1	✓				
Chilled Water	≤50% Ethylene / Propylene glycol			✓	1		1	1	1	✓	✓		
Hydronic Heating Water ⁹	≤50% Ethylene / Propylene glycol	250 ProPress Valves		1	1		1	1	1	✓	1		
Treated Water	Fully desalinated, deionized, demineralized, distilled (open system)						✓	/	1				
Reverse Osmosis Water	<1 MΩ	200 ProPress Stainless and all MegaPress	32° to 250°				1	-	/				
Paraffin Wax		200	Max 100°				1		1				
Methyl Ethyl Ketone								/					
Isopropyl Alcohol			Ambient ⁵				1	1	1	1	1		
Nitric Acid	Concentration ≤10%						1	1	1				
Phosphoric Acid	Concentration ≤25%							1	1				
Fire Sprinkler	NFPA 13, 13D, 13R	175					1	1	1	1	1		
Steam	Low-pressure	15	Max 250°		14	7	1 4		14		/ 4		
	Residential	5	Max 227°	14	J ⁴		√4	/ ⁴	14	14	/ ⁴		
Fuels/Oils/Lubricants Ethanol	Pure grain alcohol	200	Ambient ⁵	,	- PE			1					
Mineral Oil	Pure grain alconol			V			1	7	1		,		
Lube Oil	Petroleum based		Max 150°			1	/		1		1	· · ·	
	Petroleum based		See note ³			V	· ·				_	1	
Diesel Exhaust Fluid (DEF)			(10° minimum)				-	1	1				
Biodiesel	ASTM D6751	140	Max 150°						1		1		
Propane			-40° to 180°									√ 6	
Butane												√ 6	
Natural Gas	Primarily methane											√ 6	
Heating Fuel Oil		125	Max 100°			1	1		1		1	√ 10	
Diesel Fuel						1	✓		1		1	√ 10	
Kerosene			Max 68°				✓		1		1		
Gear Oil	Lubricant		See note ³				✓		1		1	1	
Automatic Transmission Fluid							✓		1		1	✓	
Hydraulic Oil							1		1		/	√8	
Engine Oil						-	1		1		1	√ 8, 10	
Engine Coolant							1	1	1	1	1	10/1	
Waste Oil				37.7	25-1		1	1000	1		1	√ 8, 10	

Scan the QR code below to see complete document of commonly approved applications.

Not seeing the approved application you need? Contact your local Viega representative or Viega Technical Services for specific application temperature, pressure, and concentration limits.

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