Viega Valves Comparison Chart

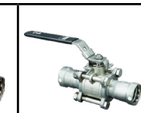
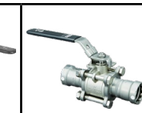
ProPress Valves

Valve Image													
Valve Name	**ProPress Bronze Ball Valve**	**ProPress XL Ball Valve**	**ProPress Ball Valve with Drain**	**ProPress Ball Valve**	**ProPress Threaded Ball Valve**	**ProPress 316 Ball Valve**	**ProPress 316 Ball Valve**	**ProPress 3-piece Ball Valve**	**ProPress Butterfly Valve**	**ProPress Butterfly Valve**	**ProPress Spring Check Valve**	**ProPress Swing Check Valve**	**ProPress Wafer Check Valve**
Valve Model	2971.1ZL 2971.3ZL 2971.4ZL 2971.6ZL	2971.1XL	2975.3ZL	2973 2973.1 2973.3	2800ZL	4070	4075	2972.1ZL	2979.8ZL	2873.81	2974ZL	2974.2ZL	2974.3XL
Size Range	½" to 2"	2½" to 4"	½" to ¾"	½" to 2"	½" to 2"	½" to 2"	½" to 2"	½" to 2"	2½" to 4"	2½" to 4"	½" to 2"	½" to 2"	2½" to 4"
Body Material	Zero Lead Bronze	Zero Lead Brass CW511L	Zero Lead Brass CW511L	Brass body Brass press ends	Zero Lead Brass CW511L	316 stainless steel	316 stainless steel	316 stainless steel Bronze press ends	Epoxy-coated ductile iron	Poly-coated ductile iron	Zero Lead Bronze	Zero Lead Brass CB770S	Epoxy-coated ductile iron
Body Type	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	3-piece ball valve	Butterfly valve	Butterfly valve	Spring check valve	Swing check valve	Wafer check valve
End Connections	P x P P x FPT P x hose bib	P x P	P x P	P x P P x FPT P x hose bib	FPT x FPT	P x P	P x P	P x P	Lug style Suitable for ISO flanges	Lug style Suitable for ISO flanges	P x P	P x P	Suitable for ISO flanges
Unpressed Fitting Detection	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	N/A	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	N/A	N/A	Smart Connect Technology	Smart Connect Technology	N/A
Approvals	NSF®-61-372, NSF®-U.P. Code Conforms to IAPMO/ ANSI Z1157 Listed by NSF to Commercial Hot	Conforms to IAPMO/ ANSI Z1157, NSF®-61-372, NSF®-U.P. Code Listed by NSF to Commercial Hot	NSF®-61-372, NSF®-U.P. Code Conforms to ASME A112, IAPMO/ANSI Z1157	NSF®-U.P. Code Conforms to IAPMO/ANSI Z1157, MSS SP-110	NSF®-61-372, NSF®-U.P. Code Conforms to ASME A112, IAPMO/ANSI Z1157	NSF®-61-372 Conforms to MSS SP-110	NSF®-61-372 Conforms to ASME A112.4.14/CSA B125.14, IAPMO/ANSI Z1157, MSS SP-110	NSF®-61-372, NSF®-U.P. Code Conforms to IAPMO/ANSI Z1157	NSF®-61-372 Conforms to MSS-SP25, MSS-SP67	Conforms to MSS-SP25, MSS-SP67	NSF®-61-372 Conforms to MSS SP-80	NSF®-61-372, NSF®-U.P. Code Conforms to ESL-1443	NSF®-61-372 Conforms to API-598, MSS SP-25, MSS SP-139 with Viega flange adapters
Ball	316 stainless steel	CP brass	316 stainless steel	CP brass	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	N/A	N/A	N/A	N/A	N/A
Sealing Elements	EPDM	EDPM	EPDM	EDPM	N/A	EPDM	EPDM	EPDM	EPDM	N/A	EPDM	EPDM	EPDM
Pressure Rating CWP (psi)	300	300	300	300	600	200	250	250	250	200	200	300	250
Temperature (F)	0°F–250°F	0°F–200°F	0°F–200°F	0°F–200°F	0°F–180°F	0°F–250°F	0°F–250°F	0°F–250°F	0°F–250°F	0°F–250°F	0°F–200°F	0°F–250°F	0°F–250°F
Accessories	2971.8 2971.26 2971.46 2971.47 2971.66* 2971.96 4070.8 4070.96*	2971.8XL 2971.9XL	2971.8 2971.26 2971.46 2971.47 2971.66	2973.8 2973.96	2971.8 2971.26 2971.46 2971.47 2971.96	2970.80 2970.96	2971.26 2971.46 4070.8 4070.96	4875.80 2972.12	2979.88 0959.5XL 4059XL 5159XL	N/A	N/A	N/A	0959.5XL 4059XL 5159XL

ProPress Valves

Valve Image									
Valve Name	**ProPress Strainer Valve**	**ProPress XL Strainer Valve**	**ProPress Manual Balancing Valve**	**ProPress Dynamic Balancing Valve**	**ProPress Balancing and Control Valve**	**Thermostatic Balancing Valve**	**ProPress Three-way Valve**	**Shower Valve**	**ProPress Supply Stop Valve**
Valve Model	2981.1ZL	2981.1XL	2980ZL	2981.7	2981.71 2987.72	2981.3ZL	2976.3	2842.5 2842.6	2942.3ZL 2942.4ZL
Size Range	½" to 2"	2½" to 4"	½" to 2"	½" to 2"	½" to 2"	1"	½” to 2”	½"	½” to ⅜” OD
Body Material	Zero Lead Brass CW511L	Zero Lead Brass CB770S	Zero Lead Brass CW511L	DZR brass (½" to 1¼") Ductile iron (1½" to 2")	DZR brass (½” to 1¼”) Ductile iron (1½” to 2”)	Zero Lead Bronze	Bronze	DZR brass	Nickel-plated brass
Body Type	Wye strainer valve	Wye strainer valve	Balancing valve	Balancing valve	Balancing valve	Balancing valve	Mixing valve	Shower valve	Stop valve
End Connections	P x P	P x P	P x P	P x P	P x P	Male BSP	P x P x P	Stub out	P x comp
Unpressed Fitting Detection	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	N/A	Smart Connect Technology	N/A	Smart Connect Technology
Approvals	Conforms to NSF®-61-372	Conforms to NSF®-61-372	Conforms to NSF®-61-372 Listed by NSF to Commercial Hot	N/A	N/A	Conforms to NSF®-61-372 Listed by NSF to Commercial Hot	N/A	Conforms to ASME A112.18.1, ASSE 1016, CSA B125.16, CSA B125.2	Conforms to NSF®-61-372
Ball	N/A	N/A	N/A	N/A	N/A	316 stainless steel	N/A	N/A	N/A
Sealing Elements	EPDM	EPDM	EPDM	EPDM	EPDM	N/A	EPDM	N/A	EPDM
Pressure Rating CWP (psi)	300	250	250	N/A	N/A	150	250	80	250
Temperature (F)	0°F–250°F	0°F–250°F	0°F–140°F	14°F–250°F	14°F–250°F	0°F–250°F	14°F–250°F	0°F–150°F	0°F–250°F
Accessories	2981.11	2987.11XL	2980.1ZL	N/A	2877.10 (½" to 1¼") 2877.11 (1½" to 2")	2934.8ZL 2913.8ZL 2913.9 2876.8US 2910.50	2877.10	N/A	N/A

MegaPress Valves

Valve Image																
Valve Name	**MegaPressG Ball Valve**	**MegaPressG XL Ball Valve**	**MegaPress 316 Ball Valve**	**MegaPress 316 XL Ball Valve**	**MegaPress 304 FKM Ball Valve**	**MegaPress 304 FKM XL Ball Valve**	**MegaPress Ball Valve**	**MegaPress XL Ball Valve**	**MegaPress 316 3-piece Ball Valve**	**MegaPress 316 XL 3-piece Ball Valve**	**MegaPress 316 3-piece Ball Valve**	**MegaPress 316 XL 3-piece Ball Valve**	**MegaPress 304 FKM 3-piece Ball Valve**	**MegaPress 304 FKM XL 3-piece Ball Valve**	**MegaPress 3-piece Ball Valve**	**MegaPress 3-piece XL Ball Valve**
Valve Model	6675 6675.1 6675.2 6675.3	6675XL	5170	5170XL	4170	4170XL	4870 (EPDM) 5970 (FKM)	5970XL	5175.8	5175.8XL	6875.8	6875.8XL	4175.8	4175.8XL	4875.8 (EPDM) 5975.8 (FKM)	5975.8XL
Size Range	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"	½" to 2"	2½" to 4"
Body Material	Bronze body Carbon steel press ends	Carbon steel	316 stainless steel	316 stainless steel	316 stainless steel body 304 stainless steel press ends	316 stainless steel body 304 stainless steel press ends	Carbon steel	Carbon steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel body 304 stainless steel press ends	316 stainless steel body 304 stainless steel press ends	316 stainless steel body 304 stainless steel press ends	316 stainless steel body 304 stainless steel press ends
Body Type	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	3-piece ball valve	3-piece ball valve	3-piece ball valve	3-piece ball valve	3-piece ball valve	3-piece ball valve	3-piece ball valve	3-piece ball valve
End Connections	P x P P x FPT P x MPT P x GJ	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P	P x P
Unpressed Fitting Detection	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology
Approvals	Conforms to ANSI LC 4/CSA 6.32, ANSI LC 4a/ CSA 6.32a, ASME B31, MSS SP-110	Conforms to ANSI LC 4/CSA 6.32, ANSI LC 4a/ CSA 6.32a, ASME B31 MSS SP-110	NSF®-61-372, NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-61-372, NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-61-372, NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-61-372, NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	Conforms to ASME B31, IAPMO Z1157, MSS SP-110	Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	NSF®-U.P. Conforms to ASME B31, IAPMO Z1157, MSS SP-110	Conforms to ASME B31, IAPMO Z1157, MSS SP-110	Conforms to ASME B31, IAPMO Z1157, MSS SP-110
Ball	316 stainless steel	CP brass	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	CP brass	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel
Sealing Elements	HNBR	HNBR	EPDM	EPDM	FKM	FKM	EPDM FKM	FKM	EPDM	EPDM	FKM	FKM	FKM	FKM	EPDM FKM	FKM
Pressure Rating CWP (psi)	125 (fuel gas) 250 (other)	125 (fuel gas) 250 (other)	250	200	250	200	250	200	250	200	250	200	250	200	250	200
Temperature (F)	-40°F–180°F	-40°F–180°F	0°F–250°F	0°F–250°F	14°F–284°F	14°F–284°F	0°F–250°F (EPDM) 14°F–284°F (FKM)	14°F–284°F	0°F–250°F	0°F–250°F	14°F–284°F, with temperature spikes up to 356° F for 24 hours	14°F–284°F, with temperature spikes up to 356° F for 24 hours	14°F–284°F	14°F–284°F	0°F–250°F (EPDM) 14°F–284°F (FKM)	14°F–284°F
Accessories	N/A	4875.8XL 5970.9XL	4070.8	4875.8XL 5970.9XL	4070.8	4875.8XL 5970.9XL	4070.8	4875.8XL 5970.9XL	2972.12 4875.80	4875.8XL 5970.9XL	2972.12 4875.80	4875.8XL 5970.9XL	2972.12 4875.80	4875.8XL 5970.9XL	2972.12 4875.80	4875.8XL 5970.9XL
Repair Kit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4875.91	4875.9XL	4875.91	4875.9XL	4875.91	4875.9XL	4875.91	4875.9XL

MegaPress Valves

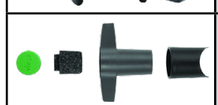
Valve Image										
Valve Name	**MegaPress 316 Globe Valve**	**MegaPress 316 Globe Valve**	**MegaPress 316 Butterfly Valve**	**MegaPress 316 Spring Check Valve**	**MegaPress Swing Check Valve**	**MegaPress Wafer Check Valve**	**MegaPress Wafer Check Valve**	**MegaPress 316 Strainer Valve**	**MegaPress Dynamic Balancing Valve**	**MegaPress Balancing and Control Valve**
Valve Model	5185.1	5985.1	5179.8	5174	5974.2	5974XL	5174XL	5181.1 (EPDM) 5981.1 (FKM)	4881.7	4881.71 4887.72
Size Range	½" to 2"	½" to 2"	2½" to 4"	½" to 2"	½" to 2"	2½" to 4"	2½" to 4"	½" to 2"	½" to 2"	½" to 2"
Body Material	316 stainless steel	316 stainless steel	316 stainless steel	316 stainless steel	Brass CB770 body Carbon steel press ends	Epoxy-coated ductile iron	316 stainless steel	316 stainless steel	DZR brass (½" to 1¼") Ductile iron (1½" to 2")	DZR brass (½" to 1¼") Ductile iron (1½" to 2")
Body Type	Globe valve	Globe valve	Butterfly valve	Spring check valve	Swing check valve	Wafer check valve	Wafer check valve	Wye strainer valve	Balancing valve	Balancing valve
End Connections	P x P	P x P	Lug style Suitable for ISO flanges	P x P	P x P	Suitable for ISO flanges	Suitable for ISO flanges	P x P	P x P	P x P
Unpressed Fitting Detection	Smart Connect Technology	Smart Connect Technology	N/A	Smart Connect Technology	Smart Connect Technology	N/A	N/A	Smart Connect Technology	Smart Connect Technology	Smart Connect Technology
Approvals	NSF®-61-372 Conforms to API-598, MSS SP-25, MSS SP-80, MSS SP-139	Conforms to API-598, MSS SP-25, MSS SP-80, MSS SP-139	NSF®-61-372 Conforms to MSS SP-25, MSS SP-67	Conforms to MSS SP-80 NSF®-61-372	N/A	Conforms to API-598, MSS SP-25, MSS SP-80, MSS SP-139 with Viega flange adapters	NSF®-61-372 Conforms to API-598, MSS SP-25, MSS SP-139 with Viega flange adapters	Conforms to NSF®-61-372 (EPDM only)	N/A	N/A
Ball	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sealing Elements	EPDM	FKM	EPDM	EPDM	FKM	FKM	EPDM	EPDM FKM	EPDM	EPDM
Pressure Rating CWP (psi)	250	250	250	250	250	250	250	250	N/A	N/A
Temperature (F)	0°F–250°F	14°F–284°F, with temperature spikes up to 356°F for 24 hours	0°F–250°F	0°F–250°F	0°F–250°F	14°F–284°F, with temperature spikes up to 356°F for 24 hours	0°F–250°F	0°F–250°F	14°F– 250°F	14°F–250°F
Accessories	N/A	N/A	2979.88 0959.5XL 4059XL 5159XL	N/A	N/A	4859.5XL 4159XL 6859XL	0959.5XL 4059XL 5159XL	5181.11	N/A	2877.10 (½" to 1¼") 2877.11 (1½" to 2")
Repair Kit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

PureFlow Valves

Valve Image										
Valve Name	**PureFlow Press Ball Valve**	**PureFlow Press Commercial Ball Valve**	**PureFlow Press Ball Valve with Drain**	**PureFlow Press x ProPress Ball Valve**	**PureFlow Crimp Ball Valve**	**PureFlow Crimp x ProPress Ball Valve**	**PureFlow Crimp PolyAlloy Valve**	**PureFlow Press Stop Valve**	**PureFlow Crimp Stop Valve**	**PureFlow Press Wall Hydrant**
Valve Model	2842.2ZL 2842.1ZL	2870ZL	2875ZL	2882.1ZL	V5037ZL	2882.2ZL	V5236 V5036.30 V5036.31	2842.3ZL 2842.4ZL	V5037ZL V5037ZL	2888.0ZL
Size Range	⅜" to ¾"	½" to 2"	½" to ¾"	½" to 2"	⅜" to ¾"	½" to 1"	½" to ¾"	⅜" to ½"	⅜" to ½"	½" to ¾"
Body Material	Zero Lead Eco Brass	Zero Lead Bronze CC246E	Zero Lead Brass CW511L	Zero Lead Brass CW511L	Zero Lead Eco Brass	Zero Lead Brass CW511L	Polymer	Nickel-plated brass	Nickel-plated brass	Chrome-plated brass
Body Type	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Ball valve	Crimp and stop valve	Stop valve	Stop valve	Wall hydrant
End Connections	P x P P x Street	P x P	P x P	P x P	Crimp x crimp	P x crimp	Crimp x crimp Crimp x lav Crimp x closet	P x comp	Crimp x comp	P x hydrant
Unpressed Fitting Detection	N/A	N/A	N/A	Smart Connect Technology	N/A	Smart Connect Technology	N/A	N/A	N/A	N/A
Approvals	NSF®-61-372, NSF®-U.P. Code Conforms to ASTM F1807, cCSAus	NSF®-61-372, NSF®-U.P. Code Conforms to ASME112.4.14/ CSA B125.14, ASTM F877, ASTM F3253, ASTM F3347, IAPMO/ANSI Z1157, NSF/ANSI 359	NSF®-61-372, NSF®-U.P. Code Conforms to ASME112.4.14/ CSA B125.14, ASTM F877, ASTM F3253, ASTM F3347, IAPMO/ANSI Z1157, NSF/ANSI 359	NSF®-61-372, NSF®-U.P. Code Conforms to ASME112.4.14/ CSA B125.14, ASTM F877, ASTM F3253, ASTM F3347, IAPMO/ANSI Z1157, NSF/ANSI 359	NSF®-61-372, NSF®-U.P. Code Conforms to ASTM F1807, cCSAus	NSF®-61-372, NSF®-U.P. Code Conforms to ASME112.4.14/ CSA B125.14, ASTM F877, ASTM F3253, ASTM F3347, IAPMO/ANSI Z1157, NSF/ANSI 359	NSF®-61-372, NSF®-U.P. Code Conforms to ICC ES-PMG 1038	NSF®-61-372 Conforms to ASTM F877	NSF®-61-372, NSF®-U.P. Code Conforms to ASTM F1807	Conforms to ASME A112.18.1, ASSE 1016, CSA B125.16, CSA B125.1
Ball	Plated brass	316 stainless steel	316 stainless steel	316 stainless steel	Plated brass	316 stainless steel	N/A	Plated brass	Plated brass	N/A
Sealing Elements	N/A	N/A	N/A	EPDM	N/A	EPDM	N/A	N/A	N/A	N/A
Pressure Rating CWP (psi)	160	160	160	160	160	160	160	160	160	160
Temperature (F)	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F	0°F–180°F
Accessories	N/A	2971.8 2971.26 2971.46 2971.47 2971.66 2971.96	2971.8 2971.26 2971.46 2971.47 2971.66	2971.8 2971.26 2971.46 2971.47 2971.66	N/A	2971.8 2971.26 2971.46 2971.47 2971.66	N/A	N/A	N/A	N/A

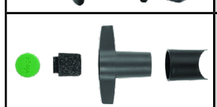
ProPress Accessories Compatibility - Handles

Compatibility Key
- ✓ Possible
- X Not Possible
- ✱ Technically Possible (will work but not recommended)

Handle Image	Handle Name	Model	ProPress Bronze Ball Valve	ProPress XL Ball Valve	ProPress Ball Valve with Drain	ProPress Ball Valve	ProPress Threaded Ball Valve	ProPress 316 Ball Valve	ProPress 316 Ball Valve	ProPress 3-piece Ball Valve	ProPress Butterfly Valve
		Valve Image									
		Valve Name	ProPress Bronze Ball Valve	ProPress XL Ball Valve	ProPress Ball Valve with Drain	ProPress Ball Valve	ProPress Threaded Ball Valve	ProPress 316 Ball Valve	ProPress 316 Ball Valve	ProPress 3-piece Ball Valve	ProPress Butterfly Valve
		Model	2971.1ZL 2971.3ZL 2971.4ZL 2971.6ZL	2971.1XL	2975.3ZL	2973 2973.1 2973.3	2800ZL	4070	4075	2972.1ZL	2979.8ZL
	Ball Valve Lockable Replacement Handle	2971.8	✓	X	✓	X	✓	X	X	X	X
	XL Ball Valve Replacement Handle	2971.8XL	X	✓	X	X	X	X	X	X	X
	Ball Valve Non-potable Replacement Handle	2973.8	X	X	X	✓	X	X	X	X	X
	ProPress 316 Ball Valve Replacement Handle	2970.80	X	X	X	X	X	✓	X	X	X
	3-piece Replacement Handle	4875.80	X	X	X	X	X	X	X	✓	X
	MegaPress 3-piece XL Replacement Handle	4875.8XL	X	X	X	X	X	X	X	X	X
	Replacement Handle	4070.8	✓	X	✱	X	✱	X	✓	X	X
	Wing-style Handle	2971.26	✓	X	✓	X	✓	X	✓	X	X
	Thermal Insulated Handle	2971.46	✓	X	✓	X	✓	X	✓	X	X
	Insulated Handle Replacement Cap	2971.47	✓	X	✓	X	✓	X	X	X	X
	Gear Operator Handwheel	2979.88	X	X	X	X	X	X	X	X	✓

MegaPress and PureFlow Accessories Compatibility - Handles

Compatibility Key
- ✓ Possible
- X Not Possible
- ✱ Technically Possible (will work but not recommended)

		Valve Image											
		Valve Name	MegaPressG Ball Valve	MegaPressG XL Ball Valve	MegaPress Ball Valve	MegaPress XL Ball Valve	MegaPress 316 3-piece Ball Valve	MegaPress 316 XL 3-piece Ball Valve	MegaPress 3-piece Ball Valve	MegaPress XL 3-piece Ball Valve	MegaPress 316 Butterfly Valve	PureFlow Press Commercial Ball Valve	PureFlow Ball Valve
Handle Image	Handle Name	Model	6675 6675.1 6675.2 6675.3	6675XL	4170 4870 5170 5970	4170XL 5170XL 5970XL	6875.8	6875.8XL	4175.8 4370.8 4875.8 5175.8 5975.8	4175.8XL 5175.8XL 5975.8XL	5179.8	2972.1ZL	2979.8ZL
	Ball Valve Lockable Replacement Handle	2971.8	✱	X	✱	X	X	X	X	X	X	✓	✓
	XL Ball Valve Replacement Handle	2971.8XL	X	X	X	X	X	X	X	X	X	X	X
	Ball Valve Non-potable Replacement Handle	2973.8	X	X	X	X	X	X	X	X	X	X	X
	ProPress 316 Ball Valve Replacement Handle	2970.80	X	X	X	X	X	X	X	X	X	X	X
	3-piece Replacement Handle	4875.80	X	X	X	X	✓	X	✓	X	X	X	X
	MegaPress 3-piece XL Replacement Handle	4875.8XL	X	✓	X	✓	X	✓	X	✓	X	X	X
	Replacement Handle	4070.8	✱	X	✓	X	X	X	X	X	X	✱	✱
	Wing-style Handle	2971.26	✱	X	✱	X	X	X	X	X	X	✓	✓
	Thermal Insulated Handle	2971.46	✱	X	✱	X	X	X	X	X	X	✓	✓
	Insulated Handle Replacement Cap	2971.47	✱	X	✱	X	X	X	X	X	X	✓	✓
	Gear Operator Handwheel	2979.88	X	X	X	X	X	X	X	X	✓	X	X

ProPress Accessories Compatibility - Stem Extensions

Compatibility Key
✓ Possible
X Not Possible
✱ Technically Possible
(will work but not recommended)

Stem Extension Image	Stem Extension Name	Model	ProPress Bronze Ball Valve	ProPress XL Ball Valve	ProPress Ball Valve with Drain	ProPress Ball Valve	ProPress Threaded Ball Valve	ProPress 316 Ball Valve	ProPress 316 Ball Valve	ProPress 3-piece Ball Valve
		Valve Image								
		Valve Name	ProPress Bronze Ball Valve	ProPress XL Ball Valve	ProPress Ball Valve with Drain	ProPress Ball Valve	ProPress Threaded Ball Valve	ProPress 316 Ball Valve	ProPress 316 Ball Valve	ProPress 3-piece Ball Valve
		Model	2971.1ZL 2971.3ZL 2971.4ZL 2971.6ZL	2971.1XL	2975.3ZL	2973 2973.1 2973.3	2800ZL	4070	4075	2972.1ZL
	Lockable Stem Extension	2971.66	✓ 2971.1ZL can only be used in conjunction with Handle 2971.8 and 4070.8	X	✓	X	X	X	X	X
	ProPress Stem Extension	2971.96	✓	X	✱	X	✓	X	X	X
	ProPress XL Lockable Stem Extension	2971.9XL	X	✓	X	X	X	X	X	X
	ProPress Stem Extension	2973.96	X	X	X	✓	X	X	X	X
	ProPress Stem Extension	2970.96	X	X	X	X	X	X	X	X
	ProPress Lockable Stem Extension	4070.96	✓ 2971.1ZL can only be used in conjunction with Handle 2971.8 and 4070.8	X	✱	X	X	✓	✓	X
	MegaPress XL Lockable Stem Extension	5970.9XL	X	X	X	X	X	X	X	X
	3-piece Lockable Stem Extension	2972.12	X	X	X	X	X	X	X	✓

MegaPress and PureFlow Accessories Compatibility - Stem Extensions

Compatibility Key
- ✓ Possible
- X Not Possible
- ✱ Technically Possible (will work but not recommended)

		Valve Image										
		Valve Name	MegaPressG Ball Valve	MegaPressG XL Ball Valve	MegaPress Ball Valve	MegaPress XL Ball Valve	MegaPress 316 3-piece Ball Valve	MegaPress 316 XL 3-piece Ball Valve	MegaPress 3-piece Ball Valve	MegaPress XL 3-piece Ball Valve	PureFlow Press Commercial Ball Valve	PureFlow Ball Valve
Stem Extension Image	**Stem Extension Name**	**Model**	6675 6675.1 6675.2 6675.3	6675XL	4170 4870 5170 5970	4170XL 5170XL 5970XL	6875.8	6875.8XL	4175.8 4370.8 4875.8 5175.8 5975.8	4175.8XL 5175.8XL 5975.8XL	2972.1ZL	2979.8ZL
	Lockable Stem Extension	2971.66	✱	X	✱	X	X	X	X	X	✓	✓
	ProPress Stem Extension	2971.96	✱	X	✱	X	X	X	X	X	✓	✱
	ProPress XL Lockable Stem Extension	2971.9XL	X	X	X	X	X	X	X	X	X	X
	ProPress Stem Extension	2973.96	X	X	X	X	X	X	X	X	X	X
	ProPress Stem Extension	2970.96	X	X	X	X	X	X	X	X	X	X
	ProPress Lockable Stem Extension	4070.96	✱	X	✱	X	X	X	X	X	✱	✱
	MegaPress XL Lockable Stem Extension	5970.9XL	X	✓	X	✓	X	✓	X	✓	X	X
	3-piece Lockable Stem Extension	2972.12	X	X	X	X	✓	X	✓	X	X	X

ProPress and MegaPress Accessories Compatibility - Actuators and Meshes

Compatibility Key
- ✓ Possible
- X Not Possible
- ✱ Technically Possible (will work but not recommended)

		Valve Image							
		Valve Name	ProPress Strainer Valve	ProPress XL Strainer Valve	ProPress Balancing and Control Valve	ProPress Three-way Valve	MegaPress 316 Strainer Valve	MegaPress 316 Strainer Valve	MegaPress Balancing and Control Valve
Actuator / Mesh Image	**Actuator / Mesh Name**	**Model**	2981.1ZL	2981.1XL	2981.71 2987.72	2976.3	5181.1	5981.1	4881.71 4887.7
	Small Actuator ½" to 1¼"	2887.10	X	X	✓	✓	X	X	✓
	Large Actuator 1½" to 2"	2877.11	X	X	✓	X	X	X	✓
	MegaPress 100 Mesh Strainer	5181.11	X	X	X	X	✓	✓	X
	ProPress 100 Mesh Strainer	2981.11 2981.11XL	✓	✓	X	X	X	X	X

Why Choose Viega ProPress Valves

Why ProPress Valves Use Double Stem Seals vs. Packing Nuts

Packing nut designs consist of packed Teflon that sits around the stem. As the Teflon deteriorates, leak paths form, requiring someone to tighten the nut. This creates additional hours for installation and maintenance. Viega uses a double stem seal for our 2-piece valves to eliminate the need to constantly tighten the nut, saving numerous hours on the front-end and back-end of installs. They also will not deteriorate over time, maintaining a leak-free stem as well as prolonging the life of the valve. Viega's MegaPress 3-piece valves use a packing nut because they are designed to be taken apart so the wearable, internal components can be replaced.

Why Choose Silicon Bronze

Silicon bronze has very strong mechanical properties (tensile and yield strengths) compared to traditional leaded alloys. The silicon allows it to maintain mechanical strength, resulting in an ideal alloy for pressing (which was one of the reasons Viega chose silicon to replace the lead in compliance with lead-free regulations). It contains low levels of zinc (7% to 9%) so it's naturally resistant to dezincification and less prone to stress cracking. Dezincification is when zinc is removed, leaving a porous surface and reducing strength.

General ProPress Valve Information

Why Balancing the Hot Water Supply System is Needed

Common concerns surrounding hot water supply systems include lack of immediate hot water at a fixture, erratic water bills, and stagnant or lukewarm water causing legionella. These issues can be tied back to an unbalanced system where the constant flow does not take into account heat loss or hot water consumption, and results in uneven hot water distribution throughout the system. Viega's thermostatic balancing valve adjusts the flow of the system based on the temperature, allowing for more hot water when the system gets too cold, or less hot water if the system gets too hot, ensuring that the design temperature of the system remains constant at the minimum needed flow. This valve maintains a constant temperature throughout the system as well as keeps energy and pump costs to a minimum.

Why Choose Viega MegaPress Valves

MegaPress Technology is Faster, Safer, and More Efficient

Viega MegaPress is the first press fitting suitable for joining carbon steel pipe as well as stainless steel pipe. Appropriate for renovations, repairs, and expansions of existing steel pipe installations, MegaPress in carbon steel or stainless steel is a robust solution for everything from day-to-day installations to large commercial or industrial projects. The MegaPress ball valves from ½" to 4" complete the portfolio no matter whether in the classic 2-piece design or 3-piece design.

Why Choose the Insulated Handle

When insulating pipes and fittings, an extension must be used. With classic extensions, the insulation cannot be glued tightly. The insulated handle is a stem extension and a handle in one. The insulation can be glued tightly to the handle and avoids condensate in cooling installations and heat losses in heating installations.

General Valve Information

Viega Smart Connect® Technology

Viega Smart Connect technology provides the installer quick and easy identification of an unpressed fitting during a leak test. When the fitting is pressed, a secure, non-detachable, mechanical connection is created. Smart Connect technology provides the installer with an easy way to see connections that have not been pressed before putting the system into operation.

Ball Valves/Two-Piece Ball Valves

Ball valves/two-piece ball valves have two main pieces that are usually threaded or welded together. These valves are not used when repairs are needed. They are typically the most commonly used valve.

Three-Piece Ball Valves

Three-piece ball valves have two end caps and a body. The middle section is typically bolted between the two end caps so that it can be easily removed for cleaning and repair.

This document is subject to updates. For the most current Viega technical literature, please visit www.viega.us.

Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

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