

MegaPress 316

MegaPress fittings in 316 stainless steel are the industry's first press fittings for Schedule 5 to 40 piping systems. Save labor cost and system downtime with press fittings in a wide variety of configurations, available in sizes from ½" to 4".

Viega MegaPress 316 with an EPDM sealing element is suitable for use with chilled water, compressed air, potable water, marine applications and more. Not for use with fuel gas or fuel oil applications.

FEATURES AND BENEFITS

- Engineered with a 420 stainless steel grip ring plus a 304 stainless steel separator ring for sizes ½" to 2" and a PBT separator ring for sizes 2½" to 4"
- 316 stainless carries an NSF-61 potable water rating
- Wide range of fitting configurations
- Eliminates threading and welding
- No fire watches, hot work permits or messy cutting oils
- Makes secure press connections from ½" to 4" in seconds
- Compatible with existing press tools
- Backed by limited written warranty
- Can be used on Schedule 80 pipe, but with the rating of a Schedule 40 system

CODES AND STANDARDS

- ASME B31: Code for Pressure Piping
- ASME B31.1: Power Piping
- ASME B31.3: Process Piping
- ASME B31.9: Building Services Piping
- ASTM A312: Standard Specification for Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel Pipes
- IACS UR P2: Rules for piping design, construction and testing
- IAPMO: California Mechanical Code (CMC)
- IAPMO: California Plumbing Code (CPC)
- IAPMO: National Standard Plumbing Code (NSPC)
- IAPMO PS-117: Press Connections
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Plumbing Code (UPC)
- IAPMO: Uniform Solar, Hydronics, and Geothermal Code (USHGC)
- ICC: International Mechanical Code (IMC)
- ICC: International Plumbing Code (IPC)
- ICC: International Residential Code (IRC)
- ICC-ES LC1002: Press-connection Fittings for Potable Water Tube and Radiant Heating Systems
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- NFPA 13: Standard for the Installation of Sprinkler Systems
- NFPA 13D: Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes
- NFPA 13R: Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies

LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping Type Approval
- BV: Bureau Veritas Type Approval
- Canadian Registration Number (CRN): 14541.5 A/B/C
- DNV GL: Det Norske Veritas Germanischer Lloyd Type Approval
- FM Class 1920: Pipe Couplings and Fittings for aboveground Fire Protection Systems (½" to 2" only)
- IAPMO file 10555 (MegaPress 316)
- ICC-ES PMG-1451 (MegaPress 316)
- LR: Lloyd's Register Type Approval
- NSF/ANSI/CAN 61: Drinking Water System Components – Health Effects
- NSF/ANSI 372: Drinking Water System Components – Lead Content
- RINA: Registro Italiano Navale
- ANSI/CAN/UL 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service (½" to 3" only)
- Unites States Coast Guard Acceptance Letter 2019-3660

NOTE

A green dot on a Viega MegaPress 316 fitting indicates Smart Connect technology with an EPDM sealing element.


Viega MegaPress coupling
No stop
Smart Connect technology

- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Model 5115.5

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.224	10	90310	14
3/4	3/4	0.291	10	90315	14
1	1	0.502	5	90320	14
1 1/4	1 1/4	0.846	1	90855	14
1 1/2	1 1/2	1.001	1	90325	14
2	2	1.179	1	90330	14


Viega MegaPress coupling
No stop
Smart Connect technology

- 316 stainless steel
- Press connection

Components

EPDM sealing element

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator

Model 5115.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.995	1	90660	14
3	3	2.634	1	90665	14
4	4	4.135	126	90670	14


Viega MegaPress transition coupling
Smart Connect technology

- For transitioning between IPS and CTS systems
- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Model 5113

P (IPS)	P (CTS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.214	1	90465	14
3/4	3/4	0.280	1	90470	14
1	1	0.425	1	90475	14
1 1/4	1 1/4	0.626	1	90890	14
1 1/2	1 1/2	0.804	1	90485	14
2	2	1.031	1	90490	14

New

Reducers


Viega MegaPress reducer
Smart Connect technology

- 316 stainless steel
- Street, press connection

Components

EPDM sealing element

Model 5115.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.238	5	90355	14
1	1/2	0.339	5	90360	14
1	3/4	0.368	5	90365	14
1 1/4	1	0.694	1	90860	14
1 1/2	3/4	0.644	1	90370	14
1 1/2	1	0.703	1	90375	14
1 1/2	1 1/4	0.926	1	90865	14
2	1	0.915	1	90380	14
2	1 1/2	1.126	1	90385	14


Viega MegaPress reducer
Smart Connect technology

- 316 stainless steel
- Street, press connection

Components

EPDM sealing element

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator

Model 5115.1XL

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2 1/2	2	1.446	1	90675	14
3	2	1.843	1	90680	14
3	2 1/2	1.962	1	90685	14
4	2	2.911	1	90690	14
4	2 1/2	3.004	1	90695	14
4	3	3.280	1	90700	14


Viega MegaPress reducer
Smart Connect technology

- 316 stainless steel
- Press connection

Components

EPDM sealing elements

Model 5115.2

P1	P2	Wt [lb]	Quantity	Part No	DG
3/4	1/2	0.306	5	90335	14
1	3/4	0.478	5	90340	14
1 1/4	1	0.789	1	90870	14
1 1/2	1	0.855	1	90345	14
2	1 1/2	1.281	1	90350	14