

## MegaPress 316



## 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.

## Elbows



### Viega MegaPress 90° elbow

#### Smart Connect technology

- 316 stainless steel
- Press connection

#### Components

EPDM sealing elements

**Model 5116**

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.315	10	90005	14
3/4	3/4	0.422	10	90010	14
1	1	0.785	5	90015	14
1 1/4	1 1/4	1.247	1	90835	14
1 1/2	1 1/2	1.527	1	90020	14
2	2	2.081	1	90025	14



### Viega MegaPress 90° elbow

#### 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 5116XL**

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.163	1	90500	14
3	3	5.263	1	90505	14
4	4	7.807	1	90510	14



### Viega MegaPress 90° street elbow

#### Smart Connect technology

- 316 stainless steel
- Press connection, street

#### Components

EPDM sealing element

**Model 5116.1**

P1	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.313	10	90030	14
3/4	3/4	0.413	10	90035	14
1	1	0.800	5	90040	14
1 1/4	1 1/4	1.225	1	90895	14
1 1/2	1 1/2	1.510	1	90045	14
2	2	2.122	1	90050	14



### Viega MegaPress 90° street elbow

#### Smart Connect technology

- 316 stainless steel
- Press connection, street

#### Components

EPDM sealing element

#### Note

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

**Model 5116.1XL**

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.253	1	90515	14
3	3	4.459	1	90520	14
4	4	7.469	1	90525	14



### Viega MegaPress 45° elbow

#### Smart Connect technology

- 316 stainless steel
- Press connection

#### Components

EPDM sealing elements

**Model 5126**

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.266	10	90055	14
3/4	3/4	0.339	10	90060	14
1	1	0.639	5	90065	14
1 1/4	1 1/4	1.042	1	90840	14
1 1/2	1 1/2	1.228	1	90070	14
2	2	1.622	1	90075	14



### Viega MegaPress 45° elbow

#### Smart Connect technology

- 316 stainless steel
- Press connection

#### Components

EPDM sealing elements

**Model 5126XL**

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	2.900	1	90530	14
3	3	3.542	1	90535	14
4	4	5.916	1	90540	14