

## ProPress 304 FKM

Viega ProPress 304 FKM is engineered for commercial and industrial environments, such as breweries and other facilities. With applications ranging from fire protection systems to compressed air, Viega ProPress 304 FKM is a complete solution with pipe, valves and fittings. Viega ProPress fittings offer Smart Connect technology to provide installers added confidence in their ability to ensure secure connections.

### FEATURES AND BENEFITS

- More than 150 different engineered fitting configurations for stainless 304
- Available in sizes ½" to 4"
- Approved for more than 400 different applications

### 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
- ASTM A554: Standard Specification for Welded Stainless Steel Mechanical Tubing
- IACS UR P2: Rules for piping design, construction and testing
- IAPMO: National Standard Plumbing Code (NSPC)
- IAPMO: PS-117: Press Connections
- IAPMO: Uniform Mechanical Code (UMC)
- IAPMO: Uniform Solar, Hydronics, and Geothermal Code (USHGC)
- ICC: International Mechanical Code (IMC)
- ICC-ES LC1002: Press-connection Fittings for Potable Water Tube and Radiant Heating Systems
- 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
- ANSI/UL 852: Standard for Metallic Sprinkler Pipe for Fire Protection Services
- ANSI/CAN/UL 213: Standard for Rubber Gasketed Fittings for Fire-Protection Service
- Canadian Registration Number (CRN): 13492.5 A/B/C
- IAPMO file 3965: (ProPress 304 FKM)
- ICC-ES PMG-1125 (ProPress 304 FKM)
- LR: Lloyd's Register Type Approval
- United States Coast Guard Acceptance Letter 2019-3650

### NOTE

A white dot on a Viega ProPress 304 fitting indicates Smart Connect technology with an FKM sealing element.

## Reducers



**Viega ProPress reducer**  
**Smart Connect technology**  
 - For use with Viega ProPress stainless tubing  
 - 304 stainless steel  
 - Street, press connection  
**Components**  
 FKM sealing element  
**Model 6015.1**

| FTG (CTS) | P     | Wt [lb] | Quantity | Part No | DG |
|-----------|-------|---------|----------|---------|----|
| 3/4       | 1/2   | 0.094   | 10       | 85162   | 9  |
| 1         | 1/2   | 0.121   | 10       | 85167   | 9  |
| 1         | 3/4   | 0.139   | 10       | 85172   | 9  |
| 1 1/4     | 1/2   | 0.165   | 1        | 85173   | 9  |
| 1 1/4     | 3/4   | 0.192   | 1        | 85182   | 9  |
| 1 1/4     | 1     | 0.216   | 1        | 85187   | 9  |
| 1 1/2     | 1/2   | 0.278   | 1        | 85192   | 9  |
| 1 1/2     | 3/4   | 0.295   | 1        | 85197   | 9  |
| 1 1/2     | 1     | 0.273   | 1        | 85202   | 9  |
| 2         | 1/2   | 0.395   | 1        | 85212   | 9  |
| 2         | 3/4   | 0.434   | 1        | 85217   | 9  |
| 2         | 1     | 0.419   | 1        | 85222   | 9  |
| 2         | 1 1/2 | 0.476   | 1        | 85232   | 9  |

FTG (CTS) = TEST



**Viega ProPress reducer**  
**Smart Connect technology**  
 - For use with Viega ProPress stainless tubing  
 - 304 stainless steel  
 - Street, press connection  
**Components**  
 FKM sealing element  
**Note**  
 Must be installed with Viega ProPress XL-C rings and V2 actuator.  
**Model 6015.1XL**

| FTG (CTS) | P     | Wt [lb] | Quantity | Part No | DG |
|-----------|-------|---------|----------|---------|----|
| 2 1/2     | 2     | 0.765   | 1        | 85237   | 9  |
| 3         | 2     | 0.970   | 1        | 85242   | 9  |
| 3         | 2 1/2 | 1.153   | 1        | 85247   | 9  |
| 4         | 2     | 1.448   | 1        | 85252   | 9  |
| 4         | 2 1/2 | 1.607   | 1        | 85257   | 9  |
| 4         | 3     | 1.673   | 1        | 85262   | 9  |

FTG (CTS) = TEST

## Valves



**Viega ProPress 304 3-piece ball valve**  
**Smart Connect technology**  
 - For use with Viega ProPress stainless tubing  
 - 316 stainless steel  
 - Press connection  
**Components**  
 FKM sealing elements, 304 locking handle  
**Model 4370.8**

| P1    | P2    | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2   | 1/2   | 1.433   | 1        | 85132   | 9  |
| 3/4   | 3/4   | 2.085   | 1        | 85133   | 9  |
| 1     | 1     | 2.799   | 1        | 85134   | 9  |
| 1 1/4 | 1 1/4 | 3.714   | 1        | 85136   | 9  |
| 1 1/2 | 1 1/2 | 5.298   | 1        | 85137   | 9  |
| 2     | 2     | 7.780   | 1        | 85138   | 9  |

## Sealing Elements and Gaskets



**Viega ProPress sealing element**  
**FKM**  
 - For Viega ProPress CTS size fitting  
**Model 2986**

| d     | Version    | Wt [lb] | Quantity | Part No | DG |
|-------|------------|---------|----------|---------|----|
| 1/2   | dull black | 0.004   | 5        | 17768   | 8  |
| 3/4   | dull black | 0.005   | 5        | 17778   | 8  |
| 1     | dull black | 0.006   | 5        | 17788   | 8  |
| 1 1/4 | dull black | 0.001   | 5        | 17803   | 8  |
| 1 1/2 | dull black | 0.010   | 5        | 17818   | 8  |
| 2     | dull black | 0.012   | 5        | 17823   | 8  |



**Viega ProPress sealing element**  
**FKM**  
 - For Viega ProPress CTS size fitting  
**Model 0186XL**

| d     | Version    | Wt [lb] | Quantity | Part No | DG |
|-------|------------|---------|----------|---------|----|
| 2 1/2 | dull black | 0.017   | 5        | 85995   | 9  |
| 3     | dull black | 0.021   | 5        | 85996   | 9  |
| 4     | dull black | 0.027   | 5        | 85997   | 9  |



**Viega ProPress sealing element**  
**EPDM**  
 - For Viega ProPress CTS size fitting  
**Model 2989**

| d     | Version     | Wt [lb] | Quantity | Part No | DG |
|-------|-------------|---------|----------|---------|----|
| 1/2   | shiny black | 0.001   | 10       | 78242   | 8  |
| 3/4   | shiny black | 0.002   | 10       | 78247   | 8  |
| 1     | shiny black | 0.005   | 10       | 78252   | 8  |
| 1 1/4 | shiny black | 0.003   | 10       | 78257   | 8  |
| 1 1/2 | shiny black | 0.005   | 10       | 78262   | 8  |
| 2     | shiny black | 0.007   | 10       | 78267   | 8  |