

# ProPress 304 FKM



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## 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.

**Tubing**



**Viega ProPress tubing**

- For use with Viega ProPress stainless fittings
- 304 stainless steel

**Note**

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A312

**Model 0103**

d	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	20	7.480	1	<b>87000</b>	9
3/4	20	10.800	1	<b>87005</b>	9
1	20	14.120	1	<b>87010</b>	9
1 1/4	20	17.460	1	<b>87015</b>	9
1 1/2	20	20.740	1	<b>87020</b>	9
2	20	27.380	1	<b>87025</b>	9



**Viega ProPress tubing**

- For use with Viega ProPress stainless fittings
- 304 stainless steel

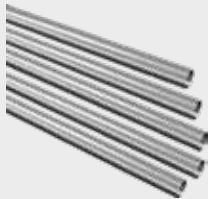
**Note**

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A312

**Model 0107XL**

d	L [ft]	Wt [lb]	Quantity	Part No	DG
2 1/2	20	43.580	1	<b>87095</b>	9
3	20	52.120	1	<b>87100</b>	9
4	20	69.240	1	<b>87105</b>	9



**Viega ProPress ECO tubing**

- For use with Viega ProPress stainless fittings
- 304 stainless steel

**Note**

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A554

**Model 0108**

d	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	20	5.300	1	<b>87050</b>	9
3/4	20	9.000	1	<b>87055</b>	9
1	20	11.720	1	<b>87060</b>	9
1 1/4	20	17.920	1	<b>87065</b>	9
1 1/2	20	21.280	1	<b>87070</b>	9
2	20	28.080	1	<b>87075</b>	9



**Viega ProPress ECO tubing**

- For use with Viega ProPress stainless fittings
- 304 stainless steel

**Note**

All Viega ProPress stainless tube is copper tube size (CTS).

ASTM A554

**Model 0108XL**

d	L [ft]	Wt [lb]	Quantity	Part No	DG
2 1/2	20	46.120	1	<b>87080</b>	9
3	20	51.600	1	<b>87085</b>	9
4	20	68.540	1	<b>87090</b>	9

**Elbows**



**Viega ProPress 90° elbow**

**Smart Connect technology**

- For use with Viega ProPress stainless tubing
- 304 stainless steel
- Press connection

**Components**

FKM sealing elements

**Model 6016**

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.126	10	<b>85402</b>	9
3/4	3/4	0.237	10	<b>85407</b>	9
1	1	0.314	5	<b>85412</b>	9
1 1/4	1 1/4	0.385	1	<b>85417</b>	9
1 1/2	1 1/2	0.685	1	<b>85422</b>	9
2	2	1.035	1	<b>85427</b>	9



**Viega ProPress 90° elbow**

**Smart Connect technology**

- For use with Viega ProPress stainless tubing
- 304 stainless steel
- Press connection

**Components**

FKM sealing elements

**Note**

Must be installed with Viega ProPress XL-C rings and V2 actuator.

**Model 6016XL**

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	1.843	1	<b>85432</b>	9
3	3	2.499	1	<b>85437</b>	9
4	4	4.166	1	<b>85442</b>	9