

1 System Data Sheet

ProPress Stainless 304



Viega ProPress Stainless 304 and ProPress Stainless 304 XL are stainless steel fittings designed to be used with Viega stainless steel pipe to form a complete press system that is ideal for industrial applications. ProPress Stainless 304 fittings utilize a versatile FKM sealing element to

provide a permanent, leak-free connection in dimensions from ½" to 4". A Viega ProPress Stainless 304 system can stand up to harsh environments while transporting process water, diesel fuel, lube oil, ammonia, low pressure steam, or any number of other essential fluids.

Viega ProPress Stainless 304 fittings are offered in configurations including: elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges. ProPress Stainless 304 XL fittings in 2½" to 4" have a 420 stainless steel grip ring and a PBT separator ring in addition to the FKM sealing element.

Operating Parameters

- Operating Pressure: 200 psi maximum
- Test Pressure: 600 psi maximum
- Operating Temperature: 14°F to 284°F
(with temperature spikes up to 356°F)

Listings and Certificates

- ABS
- ASME B31.1, B31.3, B31.9
- IAPMO PS-117
- ICC-ES LC1002
- NFPA 13, 13D, and 13R
- UL/ANSI 213
- UL/ANSI 852

International Listings and Certificates

- BV: Bureau Veritas
- CRN: 13492.5 A/B/C
- DNV GL: Det Norske Veritas Germanischer
- LR: Lloyd's Register
- NKK: Nippon Kaija Kyokai
- ULC/ANSI ORD-C213

Contact your local Viega representative for details on local approvals.

Compliant with:

- ASME B31
- ASTM A312
- ASTM A554

Approved Applications

- Hydronic heating (with glycol)
- Chilled water
- Compressed air
- Fire sprinkler (175 psi maximum)
- Low pressure steam (15 psi maximum)
- Vacuum (29.2" Hg maximum @ 68°F)
- Acetylene
- Fuel oil
- Diesel fuel (125 psi)
- Lube oil

Viega ProPress Stainless 304 systems are approved for underground use. When installed underground, Viega ProPress Stainless 304 should have proper corrosion protection in accordance with local and national codes.

For more specific information on applications for ProPress Stainless 304, contact Viega Technical Services at 1-800-976-9819.

Smart Connect® Technology

Viega ProPress fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.



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.

4 Dimensional Documents

ProPress Stainless 1/2" to 2" Fittings

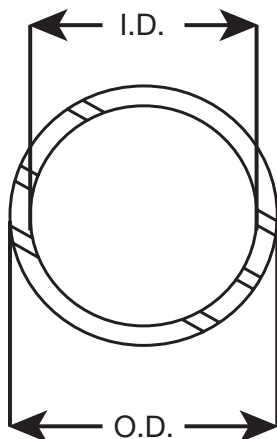


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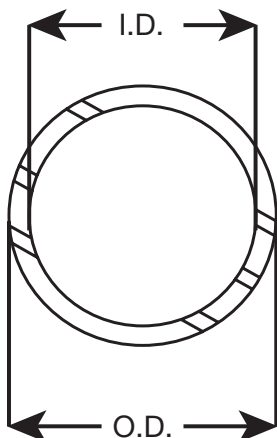
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Viega ProPress Pipe Stainless Steel ASTM A312 - Models 0103 / 4003



Part No.		Size (in)	O.D. (in)	I.D. (in)	Wall Thickness (in)	Length (ft)
S/S 304	S/S 316					
87000	82000	1/2	0.63	0.50	0.06	20
87005	82005	3/4	0.88	0.75	0.06	20
87010	82010	1	1.13	1.00	0.06	20
87015	82015	1 1/4	1.38	1.26	0.06	20
87020	82020	1 1/2	1.63	1.50	0.06	20
87025	82025	2	2.13	2.00	0.06	20

Viega ProPress ECO-Pipe Stainless Steel ASTM A554 - Model 0108



Part No.	Size (in)	O.D. (in)	I.D. (in)	Wall Thickness (in)	Length (ft)
S/S 304					
87050	1/2	0.63	0.55	0.04	20
87055	3/4	0.88	0.78	0.05	20
87060	1	1.13	1.03	0.05	20
87065	1 1/4	1.38	1.26	0.06	20
87070	1 1/2	1.63	1.51	0.06	20
87075	2	2.13	2.01	0.06	20