

System Data Sheet

ProPress 316



ProPress 316 is a stainless steel system designed to be used with Viega 316 stainless steel tubing to form a complete press system that is ideal for process water and durable enough to handle industrial applications or environments. ProPress 316 fittings feature the same

EPDM sealing element found in ProPress copper fittings and provide the same permanent leak-free connections in dimensions from 1/2" to 4".

ProPress 316 fittings are offered in configurations including: elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges. ProPress 316 fittings in 2 1/2" to 4" have a 420 stainless steel grip ring and a PBT separator ring in addition to the EPDM sealing element.

Operating Parameters

- Operating Pressure: 200 psi maximum
- Test Pressure: 600 psi maximum
- Operating Temperature: 0°F to 250°F

Listings and Certificates

- ABS
- ASME B31.1, B31.3, B31.9
- IAPMO PS-117
- ICC-ES LC1002

International Listings and Certificates

- BV: Bureau Veritas
- DNV GL: Det Norske Veritas Germanischer
- LR: Lloyd's Register
- NKK: Nippon Kaija Kyokai

Contact your local Viega representative for details on local approvals.

Compliant With

- ASME B31
- ASTM A312
- ASTM A403
- ASTM A554
- IAPMO Uniform Mechanical Code (UMC)
- ICC International Mechanical Code (IMC)

Approved Applications

- Hydronic heating (with glycol)
- Chilled water
- Low pressure steam (15 psi maximum)
- Isopropyl alcohol
- Latex Paint
- Phosphoric acid
- Compressed Air
- Non-medical gases
- Vacuum (29.2" Hg maximum @ 68°F)

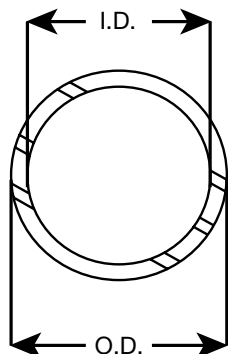
ProPress 316 systems are approved for underground use. When installed underground, ProPress 316 fittings should have proper corrosion protection in accordance with local and national codes.

For more specific information on applications for ProPress 316, contact Viega Technical Services at 1-800-976-9819.

Smart Connect® Technology

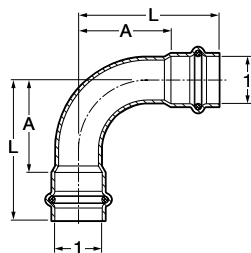
ProPress 316 fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

ProPress 304 ECO Pipe ASTM A554 - Model 0108XL



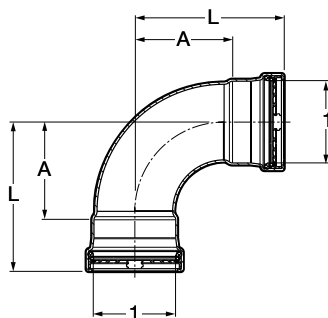
Part No.	Size (in)	O.D. (in)	I.D. (in)	Wall Thickness (in)	Length (ft)
304					
87080	2½	2.63	2.47	0.08	20
87085	3	3.13	2.97	0.08	20
87090	4	4.13	3.97	0.08	20

ProPress Stainless 90° Elbow P x P - Models 6016 / 4016



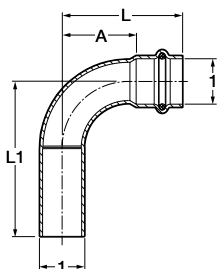
Part No.	Size (in)	A (in)	L (in)
304	316	1	
85402	80400	½	1.87
85407	80405	¾	2.64
85412	80410	1	2.78
85417	80415	1¼	2.69
85422	80420	1½	3.41
85427	80425	2	4.14

ProPress Stainless 90° Elbow P x P - Models 6016XL / 4016XL



Part No.	Size (in)	A (in)	L (in)
304	316	1	1
85432	80430	2½ x 2½	4.88
85437	80435	3 x 3	5.73
85442	80440	4 x 4	7.22

ProPress Stainless 90° Elbow FTG x P - Models 6016.1 / 4016.1



Part No.	Size (in)	A (in)	L (in)	L1 (in)
304	316	1		
85492	80490	½	1.87	1.99
85497	80495	¾	2.35	3.03
85502	80500	1	2.78	3.27
NA	80505	1¼	2.69	2.76
85512	80510	1½	3.41	3.48
85517	80515	2	4.14	4.20