

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

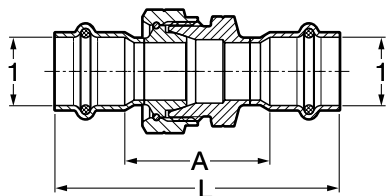
- Hydronic heating (with glycol)
- Chilled water
- Low pressure steam (15 psi maximum)
- Isopropyl alcohol
- Latex Paint
- Phosphoric acid
- Compressed Air
- Non-medical gases
- Vacuum (29.2" Hg maximum @ 68°F)

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.

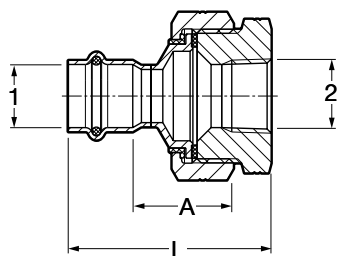
For more specific information on applications for ProPress 316, contact Viega Technical Services at 1-800-976-9819.

Smart Connect® Technology

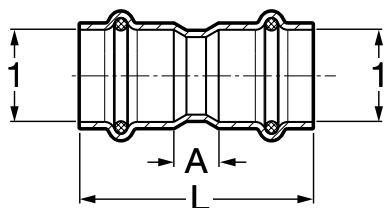
ProPress 316 fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

ProPress Stainless Union P x P - Models 6060 / 4060


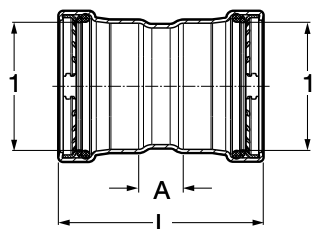
Part No.	Size (in)	A (in)	L (in)
304	316	1	
86007	81005	1/2	1.87
86012	81010	3/4	1.89
86017	81015	1	2.25
86022	81020	1 1/4	2.25
86027	81025	1 1/2	2.68
86032	81030	2	2.95

ProPress 316 Dielectric Union P x FPT - Model 4067


Part No.	Size (in)	A (in)	L (in)
316	1 2		
80071	1/2 x 1/2 FPT	1.28	2.57
80078	3/4 x 3/4 FPT	1.39	2.85
80073	1 x 1 FPT	1.25	2.81
80074	1 1/4 x 1 1/4 FPT	1.33	3.04
80076	1 1/2 x 1 1/2 FPT	1.54	3.64
80077	2 x 2 FPT	1.72	4.00

ProPress Stainless Coupling with Stop P x P - Models 6015 / 4015


Part No.	Size (in)	A (in)	L (in)
304	316	1	
85267	80265	1/2	0.35
85272	80270	3/4	0.43
85277	80275	1	0.39
85282	80280	1 1/4	0.47
85287	80285	1 1/2	0.36
85292	80290	2	0.47

ProPress Stainless Coupling with Stop P x P - Models 6015XL / 4015XL


Part No.	Size (in)	A (in)	L (in)
304	316	1 1	
85297	80295	2 1/2 x 2 1/2	0.95
85302	80300	3 x 3	0.98
85307	80305	4 x 4	1.06