

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

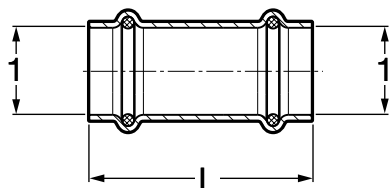
- Hydronic heating (with glycol)
- Chilled water
- Low pressure steam (15 psi maximum)
- Isopropyl alcohol
- Latex Paint
- Phosphoric acid
- Compressed Air
- Non-medical gases
- Vacuum (29.2" Hg maximum @ 68°F)

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.

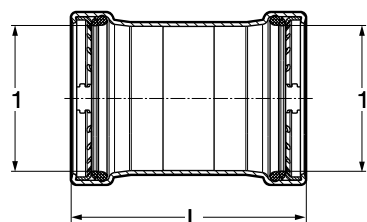
For more specific information on applications for ProPress 316, contact Viega Technical Services at 1-800-976-9819.

Smart Connect® Technology

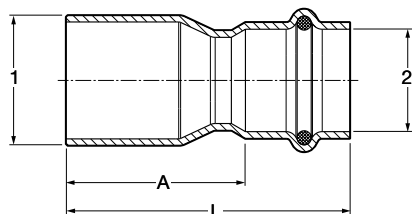
ProPress 316 fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

ProPress Stainless Coupling No Stop P x P - Models 6015.5 / 4015.5


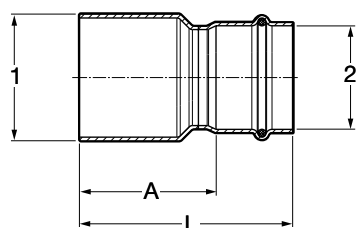
Part No.		Size (in)	L (in)
304	316	1	
85312	80310	1/2	1.87
85317	80315	3/4	2.27
85322	80320	1	2.19
85327	80325	1 1/4	2.54
85332	80330	1 1/2	3.27
85337	80335	2	3.66

ProPress Stainless Coupling No Stop P x P - Models 6015.5XL / 4015.5XL


Part No.		Size (in)	L (in)
304	316	1 1	
85342	80340	2 1/2 x 2 1/2	4.33
85347	80345	3 x 3	4.92
85352	80350	4 x 4	5.79

ProPress Stainless Reducer FTG x P - Models 6015.1 / 4015.1


Part No.		Size (in)	A (in)	L (in)
304	316	1 2		
85162	80160	3/4 x 1/2	1.54	2.28
85167	80165	1 x 1/2	1.84	2.59
85172	80170	1 x 3/4	1.56	2.46
85173	80175	1 1/4 x 1/2	2.25	3.00
85182	80180	1 1/4 x 3/4	1.93	2.83
85187	80185	1 1/4 x 1	1.81	2.72
85192	80190	1 1/2 x 1/2	3.03	3.78
85197	80195	1 1/2 x 3/4	2.64	3.54
85202	80200	1 1/2 x 1	2.50	3.41
NA	80205	1 1/2 x 1 1/4	2.26	3.29
85212	80210	2 x 1/2	3.75	4.50
85217	80215	2 x 3/4	3.48	4.39
85222	80220	2 x 1	3.08	3.99
NA	80225	2 x 1 1/4	2.94	3.97
85232	80230	2 x 1 1/2	2.59	4.02

ProPress Stainless Reducer FTG x P - Models 6015.1XL / 4015.1XL


Part No.		Size (in)	A (in)	L (in)
304	316	1 2		
85237	80235	2 1/2 x 2	2.85	4.43
85242	80240	3 x 2	3.38	4.96
85247	80245	3 x 2 1/2	3.21	4.90
85252	80250	4 x 2	4.26	5.85
85257	80255	4 x 2 1/2	4.09	5.79
85262	80260	4 x 3	3.88	5.85