

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)

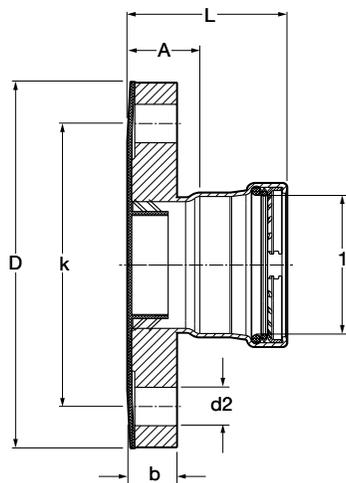
ProPress 316 systems are approved for underground use. When installed underground, ProPress 316 fittings should have proper corrosion protection in accordance with local and national codes.

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

Smart Connect® Technology

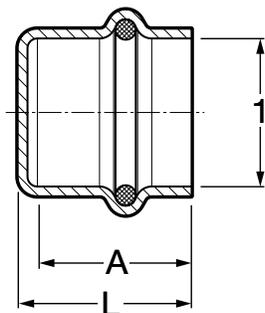
ProPress 316 fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

ProPress Stainless Adapter Flange P x Flange - Models 6059XL / 4059XL



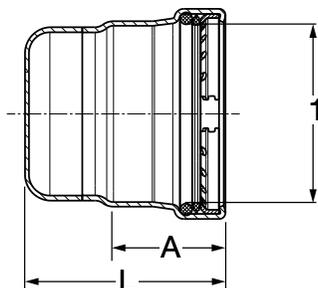
Part No.		Size (in)	b (in)	A (in)	L (in)	k (in)	D (in)	d2 (in)
304	316	1						
86067	81065	2½	0.89	1.35	3.04	5.51	7.09	0.75
86072	81070	3	0.96	1.39	3.40	5.98	7.48	0.75
86077	81075	4	0.96	1.40	3.77	7.52	9.06	0.75

ProPress Stainless Cap P - Models 6056 / 4056



Part No.		Size (in)	A (in)	L (in)
304	316	1		
85357	80355	½	0.70	0.82
85362	80360	¾	0.93	1.04
86367	80365	1	0.94	1.06
86372	80370	1¼	1.04	1.20
86377	80375	1½	1.44	1.59
86382	80380	2	1.59	1.74

ProPress Stainless Cap P - Models 6056.1XL / 4056.1XL



Part No.		Size (in)	A (in)	L (in)
304	316	1		
85387	80385	2½	1.69	3.01
85392	80390	3	1.97	3.33
85397	80395	4	2.36	3.72