

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

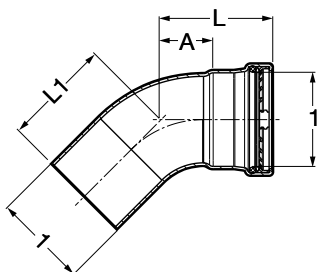
- Hydronic heating (with glycol)
- Chilled water
- Low pressure steam (15 psi maximum)
- Isopropyl alcohol
- Latex Paint
- Phosphoric acid
- Compressed Air
- Non-medical gases
- Vacuum (29.2" Hg maximum @ 68°F)

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.

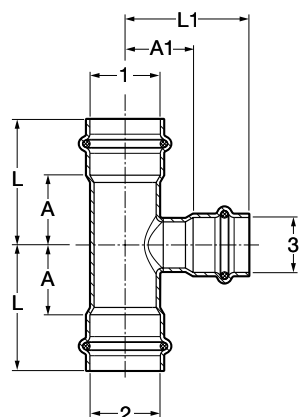
For more specific information on applications for ProPress 316, contact Viega Technical Services at 1-800-976-9819.

Smart Connect® Technology

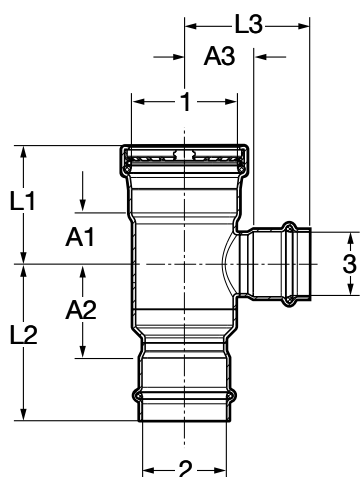
ProPress 316 fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

ProPress Stainless 45° Street Elbow P x FTG - Models 6026.1XL / 4026.1XL


Part No.		Size (in)	A (in)	L (in)	L1 (in)
304	316	1 1			
85567	80565	2½ x 2½	1.48	3.18	3.10
85572	80570	3 x 3	1.73	3.70	3.60
85577	80575	4 x 4	2.19	4.55	4.45

ProPress Stainless Tee P x P x P - Models 6018 / 4018


Part No.		Size (in)	A (in)	A1 (in)	L (in)	L1 (in)
304	316	1 2 3				
85632	80630	¾ x ¾ x ½	0.96	0.98	1.86	1.73
85642	80640	1 x 1 x ½	1.13	1.13	2.04	1.88
85652	80650	1 x 1 x ¾	1.13	1.10	2.04	2.01
85662	80660	1¼ x 1¼ x ½	0.75	1.28	1.78	2.03
85672	80670	1¼ x 1¼ x ¾	0.83	1.25	1.86	2.16
85682	80680	1¼ x 1¼ x 1	1.04	1.33	2.08	2.24
85692	80690	1½ x 1½ x ½	1.26	1.39	2.69	2.14
85702	80700	1½ x 1½ x ¾	1.26	1.37	2.69	2.27
85712	80710	1½ x 1½ x 1	1.26	1.44	2.69	2.35
85722	80720	2 x 2 x ½	0.71	1.65	2.30	2.40
85732	80730	2 x 2 x ¾	0.71	1.63	2.30	2.53
85742	80740	2 x 2 x 1	0.83	1.70	2.41	2.61
85752	80750	2 x 2 x 1½	1.15	1.49	2.73	2.91

ProPress Stainless Tee P x P x P - Models 6018XL / 4018XL


Part No.		Size (in)	A1 (in)	A2 (in)	A3 (in)	L1 (in)	L2 (in)	L3 (in)
304	316	1 2 3						
85955	80753	2½ x 2 x 1½	1.30	2.37	1.74	2.99	3.96	3.17
85954	80752	2½ x 2 x 2	1.54	2.69	1.78	3.23	4.27	3.37
85934	80751	2½ x 2½ x 1½	1.30	1.30	1.74	2.99	2.99	3.17
85904	80760	2½ x 2½ x 2	1.54	1.54	1.78	3.23	3.23	3.37
85612	80610	2½ x 2½ x 2½	1.83	1.83	1.87	3.52	3.52	3.56
85944	80782	3 x 3 x 1¼	1.24	1.24	1.96	3.21	3.21	2.99
85935	80781	3 x 3 x 1½	1.32	1.32	2.00	3.29	3.29	3.43
85905	80770	3 x 3 x 2	1.56	1.56	2.04	3.52	3.52	3.62
85914	80780	3 x 3 x 2½	1.85	1.85	2.13	3.82	3.82	3.82
85617	80615	3 x 3 x 3	2.07	2.07	2.15	4.04	4.04	4.11
85945	80791	4 x 4 x 1½	1.36	1.36	2.51	3.72	3.72	3.94
85915	80790	4 x 4 x 2	1.59	1.59	2.55	3.96	3.96	4.13
85924	80800	4 x 4 x 2½	1.89	1.89	2.64	4.25	4.25	4.33
85925	80810	4 x 4 x 3	2.11	2.11	2.66	4.47	4.47	4.63
85622	80620	4 x 4 x 4	2.60	2.60	2.66	4.96	4.96	5.02