

1 System Data Sheet

ProPress 304 FKM



ProPress 304 FKM is a stainless steel system designed to be used with Viega stainless steel pipe to form a complete press system that is ideal for industrial applications. ProPress 304 FKM fittings utilize a versatile FKM sealing element to provide a permanent, leak-free connection in

dimensions from 1/2" to 4". A ProPress 304 FKM system can stand up to harsh environments while transporting process water, diesel fuel, lube oil, ammonia, low pressure steam, or any number of other essential fluids.

ProPress 304 FKM fittings are offered in configurations including: elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges. ProPress 304 FKM fittings in 2 1/2" to 4" have a 420 stainless steel grip ring and a PBT separator ring in addition to the FKM sealing element.

Operating Parameters

- Operating Pressure: 200 psi maximum
- Test Pressure: 600 psi maximum
- Operating Temperature: 14°F to 284°F (with temp. spikes up to 356°F)

Listings and Certificates

- | | |
|----------------------------|-------------------------|
| ■ ABS | ■ ICC-ES LC1002 |
| ■ ASME B31.1, B31.3, B31.9 | ■ NFPA 13, 13D, and 13R |
| ■ IAPMO PS-117 | ■ UL/ANSI 213 |
| | ■ UL/ANSI 852 |

International Listings and Certificates

- BV: Bureau Veritas
- CRN: 13492.5 A/B/C
- DNV GL: Det Norske Veritas Germanischer
- LR: Lloyd's Register
- NKK: Nippon Kaija Kyokai
- ULC/ANSI ORD-C213

Contact your local Viega representative for details on local approvals.

Compliant With

- ASME B31
- ASTM A312
- ASTM A554

Approved Applications

- Hydronic heating (with glycol)
- Chilled water
- Compressed air
- Fire sprinkler (175 psi maximum)
- Low pressure steam (15 psi maximum)
- Vacuum (29.2" Hg maximum @ 68°F)
- Acetylene
- Fuel oil
- Diesel fuel (125 psi)
- Lube oil

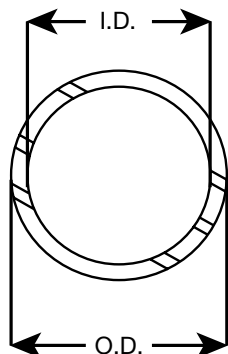
ProPress 304 FKM systems are approved for underground use. When installed underground, ProPress 304 FKM should have proper corrosion protection in accordance with local and national codes.

For more specific information on applications for ProPress 304 FKM fittings, contact Viega Technical Services at 1-800-976-9819.

Smart Connect® Technology

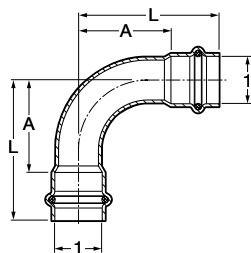
ProPress 304 FKM fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

ProPress 304 ECO Pipe ASTM A554 - Model 0108XL



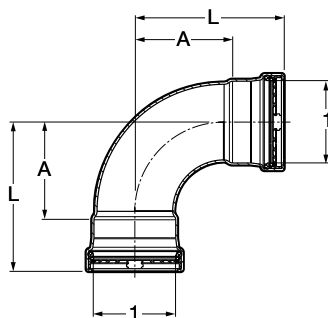
Part No.	Size (in)	O.D. (in)	I.D. (in)	Wall Thickness (in)	Length (ft)
304					
87080	2½	2.63	2.47	0.08	20
87085	3	3.13	2.97	0.08	20
87090	4	4.13	3.97	0.08	20

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



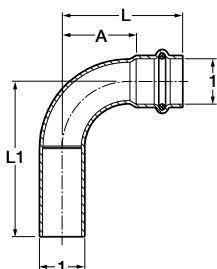
Part No.	Size (in)	A (in)	L (in)
304	316	1	
85402	80400	½	1.87
85407	80405	¾	2.64
85412	80410	1	2.78
85417	80415	1¼	2.69
85422	80420	1½	3.41
85427	80425	2	4.14

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