

# 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
- ASME B31.1, B31.3, B31.9
- IAPMO PS-117
- ICC-ES LC1002
- NFPA 13, 13D, and 13R
- 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

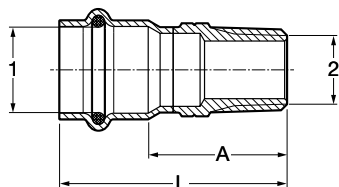
- Hydronic heating (with glycol)
- Chilled water
- Compressed air
- Fire sprinkler (175 psi maximum)
- Low pressure steam (15 psi maximum)
- Vacuum (29.2" Hg maximum @ 68°F)
- Acetylene
- Fuel oil
- Diesel fuel (125 psi)
- Lube oil

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.

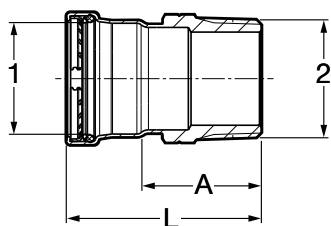
For more specific information on applications for ProPress 304 FKM fittings, contact Viega Technical Services at 1-800-976-9819.

### Smart Connect® Technology

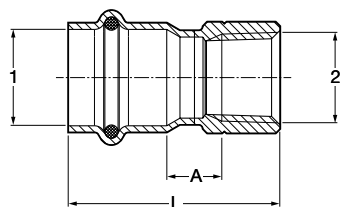
ProPress 304 FKM fittings are manufactured with Viega's patented Smart Connect technology. Designed into the fitting itself, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

**ProPress Stainless Adapter P x MPT - Models 6011 / 4011**


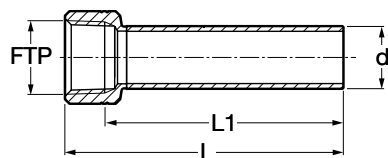
Part No.		Size (in)		A (in)	L (in)
304	316	1	2		
85012	80010	1/2 x 1/2 MPT		1.37	2.11
85017	80015	1/2 x 3/4 MPT		1.44	2.19
85022	80020	3/4 x 1/2 MPT		1.42	2.32
85027	80025	3/4 x 3/4 MPT		1.46	2.36
85032	80030	3/4 x 1 MPT		1.71	2.62
85037	80035	1 x 3/4 MPT		1.47	2.37
85042	80040	1 x 1 MPT		1.74	2.65
85047	80045	1 1/4 x 1 1/4 MPT		1.89	2.92
85052	80050	1 1/2 x 1 1/2 MPT		1.94	3.37
85054	80055	2 x 2 MPT		2.10	3.68

**ProPress Stainless Adapter P x MPT - Models 6011XL / 4011XL**


Part No.		Size (in)		A (in)	L (in)
304	316	1	2		
85062	80060	2 1/2 x 2 1/2 MPT		2.99	4.69
85067	80065	3 x 3 MPT		3.09	5.06
85072	80070	4 x 4 MPT		3.13	5.49

**ProPress Stainless Adapter P x FPT - Models 6012 / 4012**


Part No.		Size (in)		A (in)	L (in)
304	316	1	2		
85082	80080	1/2 x 1/2 FPT		0.54	1.82
85087	80085	3/4 x 1/2 FPT		0.51	1.95
85096	80090	3/4 x 3/4 FPT		0.57	2.03
85094	80092	1 x 1/2 FPT		0.62	2.06
85097	80095	1 x 3/4 FPT		0.62	2.08
85128	80100	1 x 1 FPT		0.61	2.18
85107	80105	1 1/4 x 1 1/4 FPT		0.62	2.33
NA	80110	1 1/2 x 1 1/4 FPT		0.69	2.80
85117	80115	1 1/2 x 1 1/2 FPT		0.69	2.80
85077	80075	2 x 1 FPT		0.75	2.99
85122	80120	2 x 1 1/2 FPT		0.73	2.99
85127	80125	2 x 2 FPT		0.71	2.99

**ProPress 316 Instrument Adapter - Model 4012.5**


Part No.	Size (in)	L (in)	L1 (in)
316	FPT x FTG (d)		
80126	1/2 x 1/2	4.06	3.52
80127	3/4 x 3/4	3.94	3.38