

1 System Data Sheet

MegaPress 304 FKM



MegaPress 304 FKM fittings are designed to be used with standard IPS ASTM A312 stainless steel pipe to form a complete press system that is ideal for industrial applications. MegaPress 304 FKM ½" to 2" fittings can be used with Schedule 5 to Schedule 40 stainless steel pipe and

2½" to 4" fittings can be used with Schedule 10 to Schedule 40 stainless steel pipe. A MegaPress 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 or gases. MegaPress 304 FKM fittings in sizes from ½" to 4" are offered in configurations including: elbows, couplings, reducers, tees, reducing tees, threaded adapters, unions, caps, and flanges.

Components

- Alloy: 304 stainless steel
- FKM sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring for ½" to 2" fittings
- PBT separator ring for 2½" to 4" fittings

Operating Parameters

- Operating Pressure: 200 psi max
- Operating Temperatures: 14°F to 284°F (with temperature spikes up to 356°F)

Listings and Certificates

- | | |
|----------------------------|-------------------------|
| ■ ABS type approval | ■ NFPA 13, 13D, 13R |
| ■ ASME B31.1, B31.3, B31.9 | The following apply to |
| ■ BV (Bureau Veritas) | ½" to 2" fittings only: |
| ■ CRN 13492.5 A/B/C | ■ FM Class 1920 |
| ■ DNV-GL | ■ UL/ANSI 213 |
| ■ IAPMO PS117 | ■ ULC/ANSI ORD-C213-ES |
| ■ ICC-ES LC1002 | |
| ■ Lloyd's Register | |

Compliant With

- ASME B31
- ASTM A312
- ASTM A554
- IAPMO Uniform Mechanical Code (UMC)
- ICC International Mechanical Code (IMC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)

Approved Applications

- | | |
|-------------------------|-------------------------------|
| ■ Low pressure steam | ■ Acid solutions |
| ■ Industrial gases | ■ Vacuum |
| ■ Compress air (no oil) | ■ Process water (non-potable) |
| ■ Lube oil | |
| ■ Caustic solutions | |

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

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

Recommended Tools

- Standard size press tool (minimum hydraulic ram output of 7200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")
- #26200 MegaPress XL PressBooster with 2½" press ring
- #26201 MegaPress XL 3" and 4" press ring kit

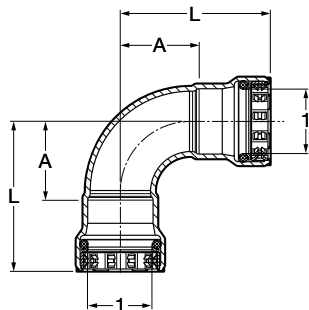
Smart Connect® Technology

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

4 Dimensional Documents

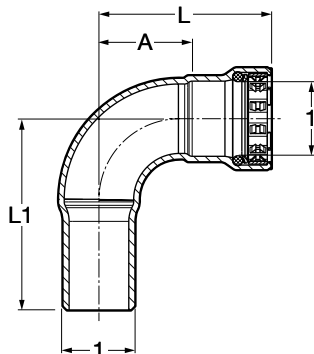
MegaPress Stainless 1/2" to 2" Fittings

MegaPress 90° Elbow, Stainless Steel, P x P - Models 4116 / 5116 / 6816



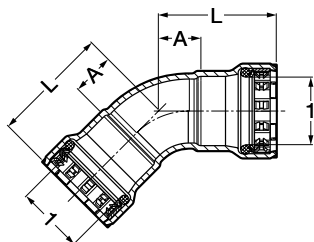
Part No.			Size (in)	A (in)	L (in)
304 FKM	316 EPDM	316 FKM	1		
95005	90005	91695	1/2	1.13	2.24
95010	90010	91700	3/4	1.32	2.52
95015	90015	91705	1	1.69	3.07
95785	90835	91710	1 1/4	1.96	3.82
95020	90020	91715	1 1/2	2.22	4.13
95025	90025	91720	2	2.76	4.76

MegaPress 90° Elbow, Stainless Steel, FTG x P - Models 4116.1 / 5116.1 / 6816.1



Part No.			Size (in)	A (in)	L (in)	L1 (in)
304 FKM	316 EPDM	316 FKM	1			
95030	90030	91725	1/2	1.13	2.24	2.56
95035	90035	91730	3/4	1.32	2.52	2.80
95040	90040	91735	1	1.69	3.07	3.39
95845	90895	91740	1 1/4	1.96	3.82	4.04
95045	90045	91745	1 1/2	2.22	4.13	4.21
95050	90050	91750	2	2.76	4.76	5.08

MegaPress 45° Elbow, Stainless Steel, P x P - Models 4126 / 5126 / 6826



Part No.			Size (in)	A (in)	L (in)
304 FKM	316 EPDM	316 FKM	1		
95055	90055	91755	1/2	0.56	1.67
95060	90060	91760	3/4	0.67	1.87
95065	90065	91765	1	0.82	2.20
95790	90840	91770	1 1/4	0.94	2.80
95070	90070	91775	1 1/2	1.08	2.99
95075	90075	91780	2	1.28	3.29