

# 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.

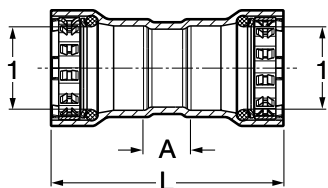
### Recommended Tools

- 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

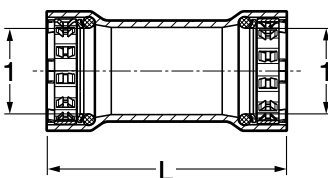
MegaPress 304 FKM fittings are manufactured with Viega's unique Smart Connect technology. Designed into the fitting itself, Smart Connect technology allows identification of an unpressed fitting during pressure testing.

**MegaPress Coupling with Stop, Stainless Steel, P x P - Models 4115 / 5115 / 6815**



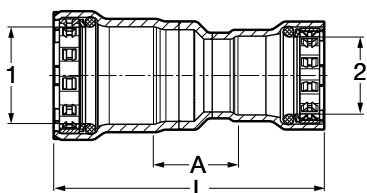
Part No.			Size (in)	A (in)	L (in)
304 FKM	316 EPDM	316 FKM	1		
95285	90285	91100	1/2	0.56	2.78
95290	90290	91105	3/4	0.62	3.01
95295	90295	91110	1	0.59	3.37
95800	90850	91115	1 1/4	0.70	4.42
95300	90300	91120	1 1/2	0.89	4.71
95305	90305	91125	2	0.80	4.82

**MegaPress Coupling No Stop, Stainless Steel, P x P - Models 4115.5 / 5115.5 / 6815.5**



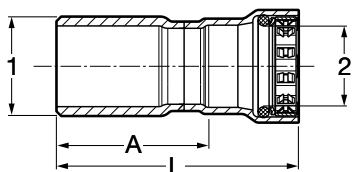
Part No.			Size (in)	L (in)
304 FKM	316 EPDM	316 FKM	1	
95310	90310	91290	1/2	2.78
95315	90315	91295	3/4	3.01
95320	90320	91300	1	3.37
95805	90855	91305	1 1/4	4.42
95325	90325	91310	1 1/2	4.71
95330	90330	91315	2	4.82

**MegaPress Reducer, Stainless Steel, P x P - Models 4115.2 / 5115.2 / 6815.2**



Part No.			Size (in)	A (in)	L (in)
304 FKM	316 EPDM	316 FKM	1 2		
95335	90335	91270	3/4 x 1/2	1.14	3.45
95340	90340	91275	1 x 3/4	1.18	3.76
95820	90870	91280	1 1/4 x 1	1.19	4.43
95345	90345	91920	1 1/2 x 1	1.28	5.05
95350	90350	91285	2 x 1 1/2	1.39	5.31

**MegaPress Reducer, Stainless Steel, FTG x P - Models 4115.1 / 5115.1 / 6815.1**



Part No.			Size (in)	A (in)	L (in)
304 FKM	316 EPDM	316 FKM	1 2		
95355	90355	91130	3/4 x 1/2	1.85	2.96
95360	90360	91135	1 x 1/2	2.13	3.24
95365	90365	91140	1 x 3/4	2.03	3.22
NA	NA	91320	1 1/4 x 3/4	2.80	4.00
95810	90860	91145	1 1/4 x 1	2.64	4.02
95370	90370	91160	1 1/2 x 3/4	2.95	4.15
95375	90375	91150	1 1/2 x 1	2.80	4.19
95815	90865	91155	1 1/2 x 1 1/4	2.66	4.52
95380	90380	91165	2 x 1	3.11	4.50
NA	NA	91325	2 x 1 1/4	3.00	4.85
95385	90385	91170	2 x 1 1/2	2.94	4.85