1 System Data Sheet

MegaPressG Fittings



Viega MegaPressG is a carbon steel, cold press fitting system designed for use in fuel gas systems and applications with a high oil content. MegaPressG fittings in sizes from ½" to 4" are offered in numerous configurations.

Components

- Alloy: carbon steel with corrosion-resistant zinc/nickel coating
- HNBR sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring for ½" to 2" fittings
- Graphite separator ring for 2½" to 4" fittings

Operating Parameters

- Operating Pressure: 125 psi max for fuel gas applications
  200 psi max for other approved applications
- Test Pressure: 600 psi max
- Operating Temperatures: -40 to 180°F

Approved Piping

- Fuel gas applications: ASTM A53 Schedule 10 to Schedule 40 carbon steel pipe
- Non-fuel gas applications: ASTM A53, A106, A135, and A795 Schedule 5 to Schedule 40 carbon steel pipe. Schedule 80 pipe may be used but operating pressures are limited to Viega Approved Applications guide.

Adopted code versions, standards compliance, and local approvals should be considered for selecting pipe schedule and type.

Listings and Certifications

- ANSI/CAN/UL/ULC 180
- ASTM F3226
- CRN 23019.5 A/B/C
- CSA: ANSI LC 4a/CSA 6.32a
- IAPMO: ANSI LC 4a/CSA 6.32a
- ICC-ES: ANSI LC 4a/CSA 6.32a

ANSI/CAN/UL/ULC 180 Standard for Safety for Combustible Liquid Tank Accessories: Compression Fittings for Aboveground Pipe Supply and Fill Vents. Install according to the Manufacturer's Instructions. For Combustible Liquid Use. Pressure rating max 125 psi / 861 kPa. Fire rating 30 minutes.

Compliant With

- ASME B31, B31.1, B31.3, B31.9
- CAN/CSA-B149.1
- IAPMO National Standard Plumbing Code (NSPC)
- IAPMO Uniform Mechanical Code (UMC)
- IAPMO Uniform Plumbing Code (UPC)
- ICC International Fuel Gas Code (IFGC)
- ICC International Residential Code (IRC)
- NFPA 54/Z223: National Fuel Gas Code
- NFPA 58: Liquefied Petroleum Gas Code

Approved Applications

- Natural gas
- Propane gas
- Lubricants/oils
- Compressed air
- Industrial gases
- Vacuum

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

Viega MegaPressG systems are approved for underground use and must be protected against corrosion in accordance with NFPA 54 section 404.8, NACE Standard RP0169-2002 section 5, 2009 UPC Chapter 6 section 609.3.1, 2009 UMC Chapter 13 section 1312.1.3, and in accordance with local and national codes.

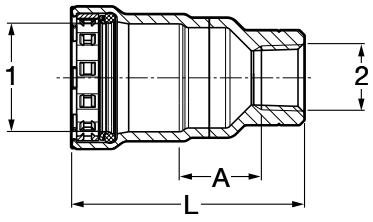
Recommended Tools

- 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
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 Actuator with 2½" press ring (must be used with press gun with minimum 80mm press stroke)

Smart Connect® Technology

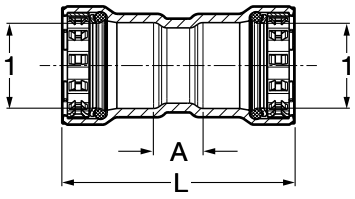
Viega MegaPressG fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

MegaPress Reducing Adapter, Carbon Steel, P x FPT – Models 4812 / 5912 / 6612



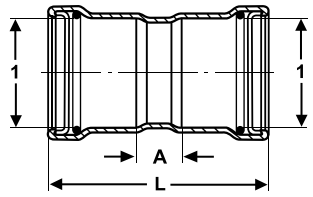
Part No.			Size (in)	A (in)		L (in)	
EPDM	FKM	HNBR	1 2	Dec	Frac	Dec	Frac
25575	84750	25576	¾ x ½	0.73	¾	2.43	2 7/16
25580	84755	25581	1 x ½	1.03	1	2.91	2 15/16
25585	84760	25586	1 x ¾	0.78	¾	2.68	2 11/16
25590	84765	25591	1¼ x ½	1.15	1⅛	3.50	3½
25595	84770	25596	1¼ x ¾	1.11	1⅛	3.48	3½
25600	84775	25601	1¼ x 1	0.76	¾	3.24	3¼
25605	84780	25606	1½ x ½	1.31	1 5/16	3.72	3¾
25610	84785	25611	1½ x ¾	1.27	1¼	3.70	3 11/16
25615	84790	25616	1½ x 1	1.11	1⅛	3.64	3⅝
25620	84795	25621	1½ x 1¼	0.86	⅞	3.41	3 7/16
25625	NA	25626	2 x ½	1.56	1 9/16	4.06	4 1/16
25630	84800	25631	2 x ¾	1.54	1 9/16	4.08	4 1/16
25635	84805	25636	2 x 1	1.35	1⅜	4.00	4
25640	NA	25641	2 x 1¼	1.28	1¼	3.93	3 15/16
25645	84810	25646	2 x 1½	1.03	1	3.70	3 11/16

MegaPress Coupling with Stop, Carbon Steel, P x P – Models 4815 / 5915 / 6615



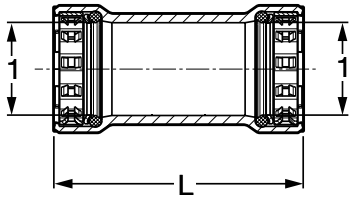
Part No.			Size (in)	A (in)		L (in)	
EPDM	FKM	HNBR	1	Dec	Frac	Dec	Frac
25000	84215	25001	½	0.56	9/16	2.70	2 11/16
22005	84220	22009	¾	0.63	⅝	2.94	2 15/16
25010	84225	25011	1	0.59	9/16	3.29	3 5/16
25015	84230	25016	1¼	0.70	11/16	4.34	4 5/16
25020	84235	25021	1½	0.89	⅞	4.63	4⅝
25025	84240	25026	2	0.77	¾	4.75	4¾

Viega MegaPress Coupling with Stop P x P – Models 4815XL / 6615XL



Part No.		Size (in)	A (in)		L (in)	
FKM	HNBR	1	Dec	Frac	Dec	Frac
26670	28770	2½	1.32	1 5/16	4.92	4 15/16
26675	28775	3	1.38	1⅜	5.98	6
26680	28780	4	1.57	1 9/16	7.87	7⅞

MegaPress Coupling No Stop, Carbon Steel, P x P – Models 4815.5 / 5915.5 / 6615.5



Part No.			Size (in)	L (in)	
EPDM	FKM	HNBR	1	Dec	Frac
25030	84130	25031	½	2.71	2 11/16
25035	84135	25036	¾	2.94	2 15/16
25040	84140	25041	1	3.29	3 5/16
25045	84145	25046	1¼	4.34	4 5/16
25050	84150	25051	1½	4.63	4⅝
25055	84155	25056	2	4.74	4¾