Submittal
Package

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Viega MegaPress® Fittings

Viega MegaPress is a carbon steel, cold press system designed for use in chilled water, hydronic heating, compressed air and fire sprinkler applications.

Viega MegaPress fittings are designed for use in piping systems utilizing ASTM A53, A106, A135 and A795 schedule 5 – schedule 40 black steel pipe.

Operating Temperatures:
Viega MegaPress: 0 to 250°F

Operating Pressures:
Viega MegaPress: 200 psi max

Listings and Certifications
Viega MegaPress:

- UL 213
- FM Class 1920
- IAPMO PS117
- ICC LC1002
- DNV
- CRN #OA14541.6
- ABS
- GL
- LR
- CAL Fire

Compliant with:

- Uniform Plumbing Code
- Uniform Mechanical Code
- International Plumbing Code
- International Mechanical Code
- ASME B31
- NFPA 13, 13D and 13R, 31, 54 and 58

Viega MegaPress fittings are available in the following fitting configurations in size ½" to 2":

- P x P coupling
- P x P no-stop coupling
- P x Cap
- P x Flange
- P x FPT adapter
- P x FPT reducing adapter
- FTG x P reducer
- P x P reducer
- P x MPT adapter
- P x P 90° elbow
- P x P 45° elbow
- FTG x P 90° elbow
- FTG x P 45° elbow
- P x P x P tee
- P x P x P reducing tee
- P x P x FPT tee
- P x P union
- P x FPT union

Viega MegaPress fittings are provided with a factory-installed EPDM sealing element, a 304 stainless steel separator ring and a 420 stainless steel grip ring approved for use in hydronic heating, compressed air, fire sprinkler and cooling water applications.

All Viega MegaPress fittings are constructed with the patented Smart Connect feature. The Smart Connect feature is a quick and easy way for installers to identify connections that need to

be pressed. Testing for leaks using the Smart Connect feature is not a replacement for testing to the requirements of local codes or standards.

Viega MegaPress 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 a manner satisfactory to the local code official.

Recommended Tools:

- RIDGID RP 330-B
- RIDGID RP 330-C
- RIDGID RP 340-B
- RIDGID CT-400

Contact a local Viega representative for applications other than those listed on this document.

MegaPress		
Application	**Temperature**	**Pressure (Max)**
Hydronics	(-4°) F to 250° F	200 psi
Low Pressure Steam	248° F Max	15 psi
Industrial Gases	140° F Max	200 psi
Compressed Air (no oil)	140° Max	200 psi
Fire Sprinkler	Ambient	200 psi
Vacuum	140° Max	Max 29.2 in. of Mercury

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MegaPress Reducing Tee, Carbon Steel, P x P x FPT - Models 4817.2 / 6617.2
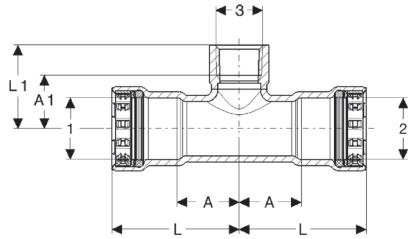
Part No.		Size			A (in)	A1 (in)	L (in)	L1 (in)
MegaPress	MegaPressG	1	2	3				
25405	25406	¾" x ¾" x ½"			1.11	1.02	2.26	1.55
25480	25481	¾" x ¾" x ¾"			1.11	1.02	2.26	1.58
25410	25411	1" x 1" x ½"			1.23	1.19	2.57	1.73
25415	25416	1" x 1" x ¾"			1.23	1.18	2.57	1.73
25485	25486	1¼" x 1¼" x ½"			1.41	1.31	3.23	1.85
25505	25506	1¼" x 1¼" x ¾"			1.41	1.33	3.23	1.89
25500	25501	1¼" x 1¼" x 1"			1.41	1.37	3.23	2.03
25435	25436	1½" x 1½" x ½"			1.57	1.42	3.44	1.95
25440	25441	1½" x 1½" x ¾"			1.57	1.41	3.44	1.97
25445	25446	1½" x 1½" x 1"			1.57	1.57	3.44	2.24
25450	25451	1½" x 1½" x 1¼"			1.57	1.47	3.44	2.15
25455	25456	2" x 2" x ½"			1.81	1.70	3.78	2.24
25460	25461	2" x 2" x ¾"			1.81	1.72	3.78	2.28
25465	25466	2" x 2" x 1"			1.81	1.89	3.78	2.55
25470	25471	2" x 2" x 1¼"			1.81	1.77	3.78	2.45
25475	25476	2" x 2" x 1½"			1.81	1.73	3.78	2.41

MegaPress Adapter, Carbon Steel, P x MPT - Models 4811 / 6611
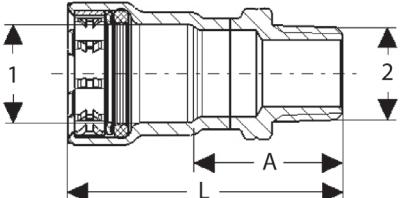
Part No.		Size		A (in)	L (in)
MegaPress	MegaPressG	1	2		
25100	25101	½" x ½"		1.45	2.52
25105	25106	¾" x ¾"		1.50	2.66
25110	25111	1" x 1"		1.66	3.00
25115	25116	1¼" x 1¼"		1.82	3.64
25120	25121	1½" x 1½"		1.93	3.80
25125	25126	2" x 2"		1.93	3.90

MegaPress Adapter, Carbon Steel, P x FPT - Models 4812 / 6612
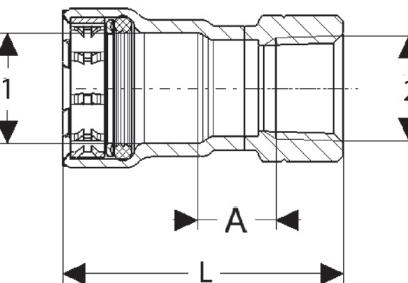
Part No.		Size		A (in)	L (in)
MegaPress	MegaPressG	1	2		
25130	25131	½" x ½"		0.69	2.29
25135	25136	¾" x ¾"		0.74	2.45
25140	25141	1" x 1"		0.73	2.74
25145	25146	1¼" x 1¼"		0.69	3.19
25150	25151	1½" x 1½"		0.72	3.27
25155	25156	2" x 2"		0.76	3.42