

Pipe Fittings

These fittings are suitable for interconnecting piping, valves and other components in both wet and dry automatic sprinkler systems. Installation should be according to applicable sprinkler system fabrication rules. These rules limit the minimum size of sprinkler piping to 1 in., nominal. FM Approved pipe fittings of smaller sizes are intended for use as valve trim, gauge connections, and for other peripheral service. The water flow path of the sprinkler system cannot be designed using smaller sizes than 1 in., nominal. Unless otherwise noted in the listing, these fittings have 175 psi (1205 kPa) rated working pressure.

Threaded connections on fittings can be made to FM Approved threadable thinwall pipe or to Schedule 40 pipe. Refer to the "Steel Pipe" listings for a summary of the various types of FM Approved steel pipe suitable for threading or grooving."

The fittings manufacturer's installation instructions must be observed in all cases. When connections are made to FM Approved pipe, the pipe manufacturer's installation instructions must also be followed.

Unless otherwise stated below, the maximum ambient temperature to which these fittings should be subjected is 225°F (107°C).

Compression Type

These fittings are designed to be assembled onto plain end pipe with a compression tool. Unless otherwise specified in the listing the fittings are Approved for use with Schedule 5 steel pipe. The fittings are suitable for use in aboveground sprinkler systems only. The assembled system of pipe and compression fittings is considered rigid.

MegaPress

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
4111	MegaPress Adapter (Press x MNPT)	1/2 x 1/2 3/4 x 1/2, 3/4 1 x 1 1 1/2 x 1 1/2 2 x 2	175	(1205)	a, b, c
4112	MegaPress Adapter (Press x FNPT)	1/2 x 1/2 3/4 x 3/4 1 x 1 1 1/2 x 1 1/2 2 x 2	175	(1205)	a, b, c
4115	MegaPress Coupling with Stop (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4115.1	MegaPress Reducer (FTG x Press)	3/4 x 1/2 1 x 1/2, 3/4 1 1/2 x 3/4, 1 2 x 1, 1 1/2	175	(1205)	a, b, c
4115.2	MegaPress Reducer (Press x Press)	3/4 x 1/2 1 x 3/4 1 1/2 x 1 2 x 1 1/2	175	(1205)	a, b, c
4115.5	MegaPress Coupling without Stop (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4116	MegaPress 90° Elbow (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4116.1	MegaPress 90° Elbow (FTG x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4117.2	MegaPress Equal Tee (Press x FNPT)	3/4	175	(1205)	a, b, c

4117.2	MegaPress Reducing Tee (Press x FNPT)	3/4 x 3/4 x 1/2 1 x 1 x 1/2, 3/4 1 1/2 x 1 1/2 x 1/2, 3/4, 1 2 x 2 x 1/2, 3/4, 1	175	(1205)	a, b, c
4118	MegaPress Equal Tee (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4118	MegaPress Reducing Tee (Press x Press)	3/4 x 3/4 x 1/2 1 x 1 x 1/2, 3/4 1 1/2 x 1 1/2 x 1/2, 3/4, 1 2 x 2 x 1/2, 3/4, 1, 1 1/2	175	(1205)	a, b, c
4126	MegaPress 45° Elbow (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4126.1	MegaPress 45° Elbow (FTG x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4156	MegaPress End Cap (Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4159	MegaPress 2 Piece Flange (Flange x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
4160	MegaPress Union (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, c
5111	MegaPress Adapter (Press x MNPT)	1/2 x 1/2 3/4 x 1/2, 3/4 1 x 1 1 1/2 x 1 1/2 2 x 2	175	(1205)	a, b, d
5112	MegaPress Adapter (Press x FNPT)	1/2 x 1/2 3/4 x 3/4 1 x 1 1 1/2 x 1 1/2 2 x 2	175	(1205)	a, b, d
5115	MegaPress Coupling with Stop (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5115.1	MegaPress Reducer (FTG x Press)	3/4 x 1/2 1 x 1/2, 3/4 1 1/2 x 3/4, 1 2 x 1, 1 1/2	175	(1205)	a, b, d
5115.2	MegaPress Reducer (Press x Press)	3/4 x 1/2 1 x 3/4 1 1/2 x 1 2 x 1 1/2	175	(1205)	a, b, d
5115.5	MegaPress Coupling without Stop (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5116	MegaPress 90° Elbow (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5116.1	MegaPress 90° Elbow (FTG x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5117.2	MegaPress Equal Tee (Press x FNPT)	3/4	175	(1205)	a, b, d
5117.2	MegaPress Reducing Tee (Press x FNPT)	3/4 x 3/4 x 1/2 1 x 1 x 1/2, 3/4 1 1/2 x 1 1/2 x 1/2, 3/4, 1 2 x 2 x 1/2, 3/4, 1	175	(1205)	a, b, d
5118	MegaPress Equal Tee (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d

5118	MegaPress Reducing Tee (Press x Press)	3/4 x 3/4 x 1/2 1 x 1 x 1/2, 3/4 1 1/2 x 1 1/2 x 1/2, 3/4, 1 2 x 2 x 1/2, 3/4, 1, 1 1/2	175	(1205)	a, b, d
5126	MegaPress 45° Elbow (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5126.1	MegaPress 45° Elbow (FTG x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5156	MegaPress End Cap (Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5159	MegaPress 2 Piece Flange (Flange x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d
5160	MegaPress Union (Press x Press)	1/2, 3/4, 1, 1 1/2, 2	175	(1205)	a, b, d

Press = Press Joint, M = Male Thread, F = Female Thread, FL = Flange, FTG = Street Connection

Remarks:

- a. FM Approved for use with ASTM A312 Schedule 10S Stainless Steel Pipe in Wet or Dry Sprinkler Systems
- b. FM Approved for use with ASTM A312 Schedule 40S Stainless Steel Pipe in Wet or Dry Sprinkler Systems
- c. Manufactured from Grade 1.4301 Type 304 Stainless Steel according to EN 10217-7 specifications
- d. Manufactured from Grade 1.4404 Type 316L Stainless Steel according to EN 10217-7 specifications

Company Name:	Viega LLC
Company Address:	585 Interlocken Blvd., Bloomfield, Colorado 80021, USA
Company Website:	http://viega.us
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Class of Work:	1920-Coupling & Fitting, All Type