

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.

Pro-Press couplings and fittings

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
2915	Standard Coupling w/ Stop (Copper) (P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0915XL	Standard Coupling w/ Stop, XL (Copper) (P x P)	2 1/2, 3, 4	175	(1205)	a
2915.3	Coupling w/o Stop (Copper) (P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0915.5XL	Coupling w/o Stop, XL (Copper) (P x P)	2 1/2, 3, 4	175	(1205)	a
2915.5	Extended Coupling w/o stop (Copper) (P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
2916	90° Elbow (Copper) (P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
2916.3	90° Reducing Elbow (Copper) (P x P)	1 x 3/4	175	(1205)	a
2914.2ZL	90° Elbow (Bronze) (P x FNPT)	3/4 x 1/2, 3/4, 1 x 1/2, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
2925.5ZL	90° Drop Ear Elbow (Bronze) (P x FNPT)	3/4	175	(1205)	a
0916XL	90° Elbow, XL (Copper) (P x P)	2 1/2, 3, 4	175	(1205)	a
2916.1	90° Street Elbow (Copper) (P x T)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0916.1XL	90° Street Elbow, XL (Copper) (P x T)	2 1/2, 3, 4	175	(1205)	a
2926	45° Elbow (Copper) (P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0926XL	45° Elbow, XL (Copper) (P x P)	2 1/2, 3, 4	175	(1205)	a

2926.1	45° Street Elbow (Copper) (P x T)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0926.1XL	45° Street Elbow, XL (Copper) (P x T)	2 1/2, 3, 4	175	(1205)	a
2918	Straight Tee (Copper) (P x P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0918XL	Straight Tee, XL (Copper) (P x P x P)	2 1/2, 3, 4	175	(1205)	a
2918	Tee Reducing (Copper) (P x P x P)	3/4 x 3/4 x 1; 1 x 1/2 x 3/4, 1; 1 x 3/4 x 1/2; 1 x 3/4 x 1/2, 3/4, 1; 1 x 1 x 1/2, 3/4, 1, 1 1/4; 1 1/4 x 1/2 x 1 1/4; 1 1/4 x 3/4 x 1/2, 3/4, 1, 1 1/4; 1 1/4 x 1 x 1/2, 3/4, 1; 1 1/4 x 1 1/4 x 1/2, 3/4, 1; 1 1/2 x 1 x 3/4, 1, 1 1/2; 1 1/2 x 1 1/4 x 3/4, 1, 1 1/4; 1 1/2 x 1 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2; 2 x 1 1/4 x 1 1/4; 2 x 1 1/2 x 3/4, 1, 1 1/4, 1 1/2, 2; 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2; 2	175	(1205)	a
0918XL	Tee, XL, Reducing Branch (Copper) (P x P x P)	2 1/2 x 3/4 x 2 1/2; 2 1/2 x 1 x 2 1/2; 2 1/2 x 1 1/4 x 2 1/2; 2 1/2 x 1 1/2 x 2 1/2; 2 1/2 x 2 x 3/4, 1, 1 1/2, 2, 2 1/2; 2 1/2 x 2 1/2 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2; 3 x 3/4 x 3; 3 x 1 x 3; 3 x 1 1/4 x 3; 3 x 1 1/2 x 3; 3 x 2 x 2, 2 1/2, 3; 3 x 2 1/2 x 2, 2 1/2, 3; 3 x 3 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2; 4 x 3 x 2, 3; 4 x 4 x 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	175	(1205)	a
2917.2ZL	Tee Reducing Branch (Bronze) (P x P x FNPT)	3/4 x 3/4 x 1/2, 3/4 ; 1 x 1 x 1/2,; 1 x 1 x 3/4; 1 1/4 x 1 1/4 x 1/2, 3/4; 1 1/2 x 1 1/2 x 1/2, 3/4; 2 x 2 x 1/2, 3/4	175	(1205)	a
0917.2XL	Tee, XL, Reducing Branch (Copper) (P x P x FNPT)	2 1/2 x 2 1/2 x 3/4, 2; 3 x 3 x 3/4, 2; 4 x 4 x 3/4, 2	175	(1205)	a
2915.2	Reducer (Copper) (P x P)	1 x 3/4; 1 1/4 x 3/4, 1; 1 1/2 x 3/4, 1, 1 1/4; 2 x 3/4, 1, 1 1/4, 1 1/2	175	(1205)	a
0915.2XL	Reducer, XL (Copper) (P x P)	2 1/2 x 1, 1 1/4, 1 1/2, 2; 3 x 1 1/2, 2, 2 1/2; 4 x 2, 2 1/2, 3	175	(1205)	a

2915.1	Reducer (Copper) (Tx P)	1 x 1/2, 3/4; 1 1/4 x 1/2, 3/4, 1; 1 1/2 x 3/4, 1, 1 1/4; 2 x 1, 1 1/4, 1 1/2	175	(1205)	a
2915.1ZL	Reducer (Bronze) (Tx P)	2 x 1/2, 3/4	175	(1205)	a
0915.1XL	Reducer, XL (Copper) (Tx P)	2 1/2 x 1, 1 1/4, 1 1/2, 2; 3 x 1 1/4, 1 1/2, 2, 2 1/2; 4 x 2, 2 1/2, 3	175	(1205)	a
2956	Blind Cap (Copper) (P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
0956XL	Blind Cap, XL (Copper) (P)	2 1/2, 3, 4	175	(1205)	a
2912ZL	Adapter-Female (Bronze) (P x FNPT)	3/4 x 1/2, 3/4; 1 x 1/2, 3/4, 1, 1 1/4; 1 1/4 x 1, 1 1/4, 1 1/2; 1 1/2 x 1 1/4, 1 1/2; 2 x 2	175	(1205)	a
0912XL	Adapter-Female, XL (Copper) (P x FNPT)	2 1/2 x 2 1/2; 3 x 3; 4 x 4	175	(1205)	a
2911ZL	Adapter-Male (Bronze) (P x MNPT)	3/4 x 3/4, 1; 1 x 3/4, 1, 1 1/4; 1 1/4 x 1, 1 1/4, 1 1/2; 1 1/2 x 1 1/4, 1 1/2, 2; 2 x 1 1/2, 2	175	(1205)	a
2911.1ZL	Adapter (Bronze) (T x MNPT)	3/4 x 3/4; 1 x 3/4, 1; 1 1/4 x 1 1/4; 1 1/2 x 1 1/2; 2 x 2	175	(1205)	a
0911XL	Adapter-Male, XL (Bronze) (P x MNPT)	2 1/2 x 2 1/2; 3 x 3; 4 x 4	175	(1205)	a
2962ZL	Union (Bronze) (P x FNPT)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
2965ZL	Union (Bronze) (P x MNPT)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
2960ZL	Union (Bronze) (P x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
2967ZL	Union, Dielectric (Bronze) (P x FNPT)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	a
MegaPress	-	-	-	(-)	
4811	Adapter (PxMNPT)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4812	Adapter (PxFNPT)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4812	Adapter, Reducing (PxFNPT)	3/4 x 1/2; 1x 1/2, 1 x 3/4; 1 1/4 x 1/2, 1 1/4 x 3/4, 1 1/4 x 1; 1 1/2 x 1/2, 1 1/2 x 3/4, 1 1/2 x 1, 1 1/2 x 1 1/4; 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1 1/4, 2 x 1 1/2	175	(1205)	b, c
4815	Coupling w/ Stop (PxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4815.5	Coupling w/ no Stop (PxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c

4815.1	Reducer (PxP)	3/4 x 1/2; 1 x 1/2, 1 x 3/4; 1 1/4 x 1; 1 1/2 x 3/4, 1 1/2 x 1, 1 1/2 x 1 1/4; 2 x 1, 2 x 1 1/4, 2 x 1 1/2	175	(1205)	b, c
4860	Union (MPxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4816	Elbow 90° (PxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4826	Elbow 45° (PxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4816.1	Elbow 90° (MPxP)	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4826.1	Elbow 45° (MPxP)	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4818	Tee, Equal (PxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4817.2	Tee, Equal (PxPxFNPT)	3/4	175	(1205)	b, c
4818	Tee, Reducing (PxPxP)	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, 1 1/4; 1 1/4 x 1 1/4, 1/2, 3/4, 1 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2	175	(1205)	b, c
4817.2	Tee, Reducing (PxPxFNPT)	3/4 x 3/4 x 1/2; 1 x 1 x 1/2, 3/4; 1 1/4 x 1 1/4, 1/2, 3/4, 1 1 1/2 x 1 1/2 x 1/2, 3/4, 1, 1 1/4; 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2	175	(1205)	b, c
4856	Cap	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4859.5	Flange	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4211	Adapter (PxMDIN)	3/4, 1/2, 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4211	Adapter Reducing (PxMDIN)	3/4, 1/2	175	(1205)	b, c
4212	Adapter (PxFDIN)	3/4, 1/2, 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4212	Adapter, Reducing (PxFDIN)	3/4, 1/2	175	(1205)	b, c
4212.5	Plug-in piece (MP x FDIN)	1x 1/2, 1 x 3/4; 1 1/4 x 1/2, 1 1/4 x 3/4, 1 1/4 x 1;	175	(1205)	b, c
4213	Adapter (PxP metric)	3/8 x 15mm, 1/2 x 15mm, 1/2 x 18mm, 3/4 x 15mm, 3/4 x 22mm, 1 x 15mm, 1 x 28mm, 1 1/4 x 35mm, 1 1/2 x 42mm, 2 x 54mm	175	(1205)	b, c
4213.1	Adapter P x Groove	1 x 33.7mm, 1 1/4 x 42.4mm, 1 1/2 x 48.3mm, 2 x 60.3mm	175	(1205)	b, c
4215	Coupling w/ Stop (PxP)	1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4215.5	Coupling w/ no Stop (PxP)	3/8, 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4215.1	Reducer (MPxP)	3/4 x 1/2; 1 x 1/2, 1 x 3/4; 1 1/4 x 1; 1 1/2 x 3/4, 1 1/2 x 1, 1 1/2 x 1 1/4; 2 x 1, 2 x 1 1/4, 2 x 1 1/2	175	(1205)	b, c
4215.2	Reducer (PxP)	3/4 x 1/2, 1 x 1/2	175	(1205)	b, c
4216	Elbow 90° (PxP)	3/8, 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4226	Elbow 45° (PxP)	3/8, 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4216.1	Elbow 90° (MPxP)	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4226.1	Elbow 45° (MPxP)	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c

4218	Tee, Equal (PxPxP)	3/8, 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4217.2	Tee, Equal (PxPFDIN)	3/4	175	(1205)	b, c
4218	Tee, Reducing (PxPxP)	3/4 x 3/4 x 1/2; 1 x 1 x 1/2, 3/4; 1 1/4 x 1 1/4 x 1/2, 3/4, 1; 1 1/2 x 1 1/2 x 1/2, 3/4, 1, 1 1/4; 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2	175	(1205)	b, c
42172	Tee, Reducing (PxPxFNPT)	3/4 x 3/4 x 1/2; 1 x 1 x 1/2, 3/4; 1 1/4 x 1 1/4 x 1/2, 3/4, 1; 1 1/2 x 1 1/2 x 1/2, 3/4, 1; 2 x 2 x 1/2, 3/4, 1, 1 1/4	175	(1205)	b, c
4256	Cap	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4259	Viega Flange P x Flange MOP 10/16 (flange width)	1 1/4, 1 1/2, 2	175	(1205)	b, c
4259.1	Viega Flange P x Flange MOP 6 (flange width)	1 1/4, 1 1/2, 2	175	(1205)	b, c
4263	Viega Screw Fitting P x RP (female)	1 x 1 1/4, 3/4 x 1, 1 1/4 x 1 1/2, 1 x 1 1/2, 1/2 x 3/4	175	(1205)	b, c
4265	Viega Screw Fitting P x RP (male)	1/2 x 1/2, 3/4 x 3/4, 1 x 1, 1 1/4 x 1 1/4	175	(1205)	b, c
4289	Sealing Element	1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
MegaPress S	-	-	-	(-)	
4318	Tee, Equal (PxP)	3/8, 1/2, 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4318	Tee, Reducing (PxPxP)	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, 1 1/4; 2 x 2 x 1/2, 3/4, 1, 1 1/4, 1 1/2	175	(1205)	b, c
4317.2	Tee, Reducing (PxPxFDIN)	1 x 1 x 1/2; 1 1/4 x 1 1/4 x 3/4; 1 1/2 x 1 1/2 x 1/2, 1; 2 x 2 x 3/4, 1 1/4	175	(1205)	b, c
4311	Adapter (PxMDIN)	3/8, 1/2, 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4312	Adapter (PxFDIN)	3/8, 1/2, 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4315	Coupling w/ Stop (PxP)	3/8; 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4315.5	Coupling w/ no Stop (PxP)	3/8; 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4315.1	Reducer (MPxP)	1/2 x 3/8; 3/4 x 3/8, 3/4 x 1/2; 1 x 3/8, 1 x 1/2, 1 x 3/4; 1 1/4 x 1; 1 1/2 x 1 1/4; 2 x 1 1/2	175	(1205)	b, c
4316	Elbow 90° (PxP)	3/8; 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4326	Elbow 45° (PxP)	3/8; 1/2; 3/4; 1; 1 1/4; 1 1/2; 2	175	(1205)	b, c
4316.1	Elbow 90° (MPxP)	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4326.1	Elbow 45° (MPxP)	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4356	Cap	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4359	Flange MOP 10/16 (Flange x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4359.1	Flange MOP 6 (Flange x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c
4359.6	Flange MOP 25/40 (Flange x P)	3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c

4363	Connection screw fitting (P x G female)	1 x 1 1/4, 3/4 x 1, 1 1/4 x 1 1/2, 1 x 1 1/2, 1/2 x 3/4, 2 x 2 3/8	175	(1205)	b, c
4365	Adapter union (P x MDIN)	1/2 x 1/2, 3/4 x 3/4, 1 x 1, 1 1/4 x 1 1/4, 1 1/2 x 1 1/2, 2 x 2	175	(1205)	b, c
4389	Sealing Element (FKM)	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2	175	(1205)	b, c

MP = Press Joint- Male, P = Press Joint- Female, T = Tube Joint - Male, FNPT = Female NPT, MNPT = Male NPT, MDIN = Male DIN EN 10226-1, FDIN = Female DIN EN 10226-1

Remarks:

a. Copper and Bronze "Pro-Press" couplings and fittings. FM Approved for use with ASTM B-88 copper pipe in wet pipe systems. Fittings must be installed using an electro-hydraulic tool as recommended by the manufacturer and appropriately sized jaws for each diameter of pipe.

b. Steel "MegaPress" couplings and fittings. FM Approved for use with Schedule 10 or Schedule 40 steel pipe in wet systems. Fittings must be installed with one of the following: Type 2 PT3 AH/EH Press gun with model 4299.9 Press jaws, Model 2296.2 Press ring and Model 4299.61 Press set.

c. Steel "MegaPress" couplings and fittings. FM Approved for use with steel pipe according to DIN EN 10255 for Heavy and Medium series in wet systems.

Fittings must be installed with one of the following: Type 2 PT3 AH/EH Press gun with model 4299.9 Press jaws, Model 2296.2 Press ring and Model 4299.61 Press set.

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