

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.

Mega-Press XL Press-Fit

Product Specification

Model No	Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
4811XL	Adapter P x M	2 1/2, 3, 4	175	(1205)	a, b
4812XL	Adapter P x F	2 1/2, 3, 4	175	(1205)	a, b
4815.1XL	Adapter, Reducing F x 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 1 1/2, 2, 2 1/2, 3	175	(1205)	a, b
4815.5XL	Coupling with no Stop P x P	2 1/2, 3, 4	175	(1205)	a, b
4815XL	Coupling with Stop P x P	2 1/2, 3, 4	175	(1205)	a, b
4816.1XL	Elbow 90° F x P	2 1/2, 3, 4	175	(1205)	a, b
4816XL	Elbow 90° P x P	2 1/2, 3, 4	175	(1205)	a, b
4817.2XL	Reducing Tee P x F	2 1/2 x 2 1/2 x 3/4 3 x 3 x 3/4 4 x 4 x 3/4	175	(1205)	a, b
4818XL	Equal Tee P x P	2 1/2, 3, 4	175	(1205)	a, b
4818XL	Reducing Tee P x P	2 1/2 x 2 1/2 x 1 1/2, 2 3 x 3 x 1 1/4, 1 1/2, 2, 2 1/2 4 x 4 x 1 1/2, 2, 2 1/2, 3	175	(1205)	a, b
4826.1XL	Elbow 45° F x P	2 1/2, 3, 4	175	(1205)	a, b
4826XL	Elbow 45° P x P	2 1/2, 3, 4	175	(1205)	a, b
4856.1XL	End Cap	2 1/2, 3, 4	175	(1205)	a, b

4859XL	Flange FL x P	2 1/2, 3, 4	175	(1205)	a, b
4211XL	Adapter P x M	2 1/2, 3, 4	175	(1205)	a, b
4212XL	Adapter P x F	2 1/2, 3, 4	175	(1205)	a, b
4215.1XL	Adapter, Reducing F x 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 1 1/2, 2, 2 1/2, 3	175	(1205)	a, b
4215.5XL	Coupling with no Stop P x P	2 1/2, 3, 4	175	(1205)	a, b
4215XL	Coupling with Stop P x P	2 1/2, 3, 4	175	(1205)	a, b
4216.1XL	Elbow 90° F x P	2 1/2, 3, 4	175	(1205)	a, b
4216XL	Elbow 90° P x P	2 1/2, 3, 4	175	(1205)	a, b
4217.2XL	Reducing Tee P x F	2 1/2 x 2 1/2 x 3/4 3 x 3 x 3/4 4 x 4 x 3/4	175	(1205)	a, b
4218XL	Equal Tee P x P	2 1/2, 3, 4	175	(1205)	a, b
4218XL	Reducing Tee P x P	2 1/2 x 2 1/2 x 1 1/2, 2 3 x 3 x 1 1/4, 1 1/2, 2, 2 1/2 4 x 4 x 1 1/2, 2, 2 1/2, 3	175	(1205)	a, b
4226.1XL	Elbow 45° F x P	2 1/2, 3, 4	175	(1205)	a, b
4226XL	Elbow 45° P x P	2 1/2, 3, 4	175	(1205)	a, b
4256.1XL	End Cap	2 1/2, 3, 4	175	(1205)	a, b
4259XL	Flange FL x P	2 1/2, 3, 4	175	(1205)	a, b

P = Press Joint, F = Female Thread, FL = Flange

Remarks:

- a. FM Approved for use with Schedule 10 pipe in wet pipe sprinkler systems in sizes 2-1/2, 3 and 4 inch NPS.
b. FM Approved for use with Schedule 40 pipe in wet pipe sprinkler systems in sizes 2-1/2, 3 and 4 inch NPS.

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